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WEATHER IN THE LUQUILLO MOUNTAINS OF PUERTO RICO

BY

C.B. BRISCOE

PSW FOREST AND RANGE
EXPERIMENT STATION

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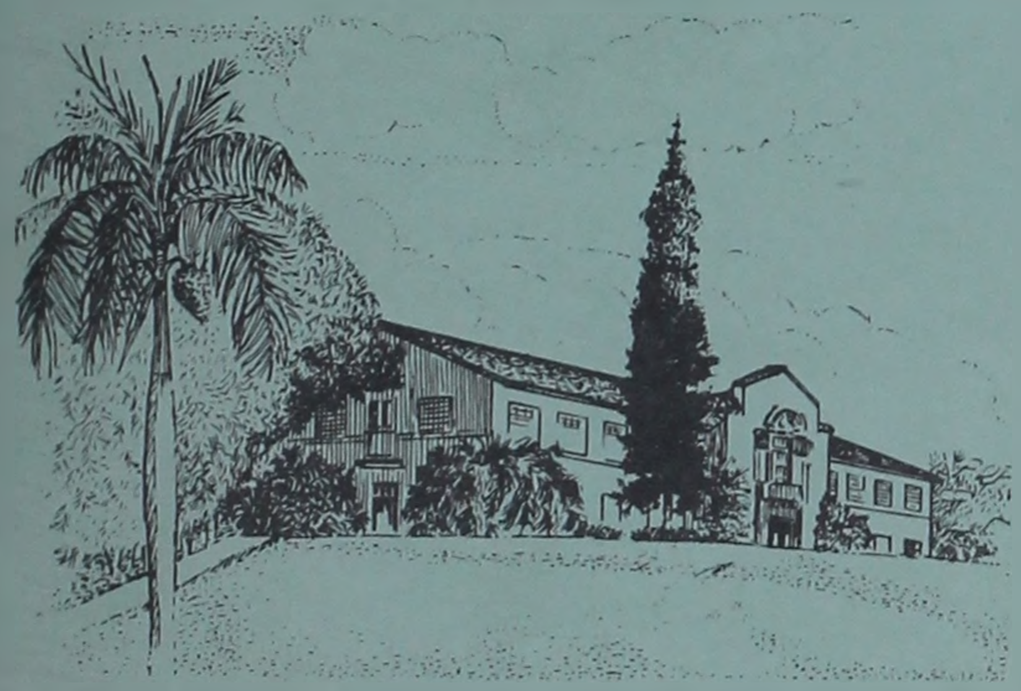

INSTITUTE OF TROPICAL FORESTRY

RIO PIEDRAS, PUERTO RICO

FOREST SERVICE

U.S. DEPARTMENT OF AGRICULTURE

RESUMEN

Puerto Rico es una isla oceánica montañosa de la América tropical, situada donde reinan los vientos alisios del nordeste. Aunque la isla sólo mide 110 millas de largo por 35 millas de ancho, la vegetación varía desde el bosque pluvial en las montañas del este hasta el bosque xerofítico en el sudoeste.

Desde fines del 1958 hasta el 1962 el ejército y el Servicio Forestal de los Estados Unidos coleccionaron información sobre temperatura, humedad, vientos, luz y lluvia de trece sitios en y cerca de las montañas de Luquillo. Algunos aspectos seleccionados de la información acumulada se resumieron en las 17 tablas que acompañamos.

En breve, la costa de barlovento es más constante, tanto en la temperatura como en los vientos, que los valles interiores, pero la menor variedad en temperatura se encuentra en los picos cubiertos por las nubes.

La precipitación en las montañas es frecuente y alta, aunque no es suficiente para el desarrollo máximo de la vegetación a intervalos algo frecuentes durante el año.

La humedad relativa más baja es en el cabo nordeste, la intermedia en un valle del interior y es consistentemente más alta en el pico El Yunque.

La energía solar recibida por hora en el cabo y en el interior es igual aproximadamente y en ambos sitios es más alta que en el pico nublado.

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WEATHER IN THE LUQUILLO MOUNTAINS OF PUERTO RICO

By
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SUMMARY

Puerto Rico is a mountainous, oceanic island in the American tropics, lying in the path of the northeast trade winds. Although the island is only 110 miles long by 35 wide, vegetation varies from rainforest in the eastern mountains to desert scrub in the southwest.

From late 1958 through 1962 the U. S. Army and the Forest Service recorded information on temperature, humidity, wind, light, and rainfall at 13 locations in and near the Luquillo Mountains. Selected aspects of the information collected are summarized in the accompanying 17 tables.

Briefly, the windward coast is more constant as to both temperature and winds than the interior valleys, but least temperature variation is found on the cloud-shrouded peaks.

Rainfall is frequent and high in the mountains, although it is insufficient for maximum plant development at fairly frequent intervals during the year.

Relative humidity is lowest on the northeastern cape, intermediate in an interior valley, and consistently highest on El Yunque peak.

Hourly insolation is approximately equal on the cape and in the interior valley and is higher both places than on the cloudy peak.

1/ In cooperation with the University of Puerto Rico.

INTRODUCTION

Puerto Rico

Puerto Rico is the smallest and easternmost island of the Greater Antilles, lying between the Atlantic Ocean and the Caribbean Sea, at approximately 18°N latitude and 66°W longitude, Figure 1.

This location places the island squarely in the path of the northeast trade winds, which cross the warm (normally 79-82°F) offshore waters, to strike Puerto Rico.

The island is approximately rectangular, 113 miles east to west and about 35 miles maximum north to south. It consists of a low coastal plain, varying from virtually nonexistent up to 12 miles wide, surrounding the mountains which form an almost continuous backbone the length of the island. On the northern side the land surface slopes gradually upward but the southern slope falls off sharply. Cerro de Punta is the highest peak, rising 4,424 feet in the Central Mountains.

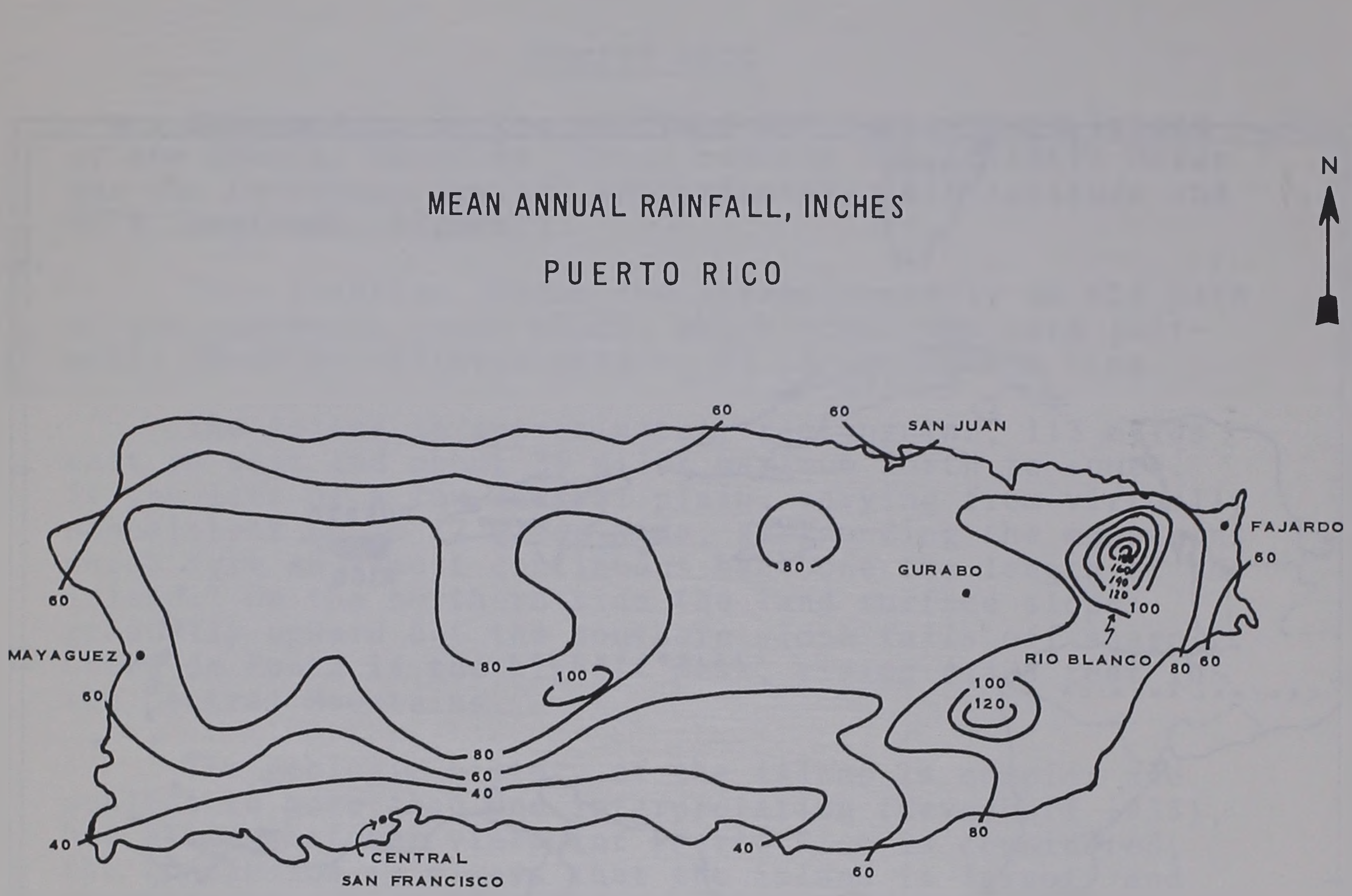
The geologic history of the island is complex and subject to more than one interpretation (Meyerhoff 1933), but "From whatever viewpoint Puerto Rico is considered, the conclusion is always that the island is largely and essentially a heap of volcanic debris" (Hodge 1920).

Temperatures at sea level average about 75°F for January, with occasional nights in the mid-60's. The warmest month is August, with mean temperatures at sea level of about 84°F. The highest temperature ever recorded in Puerto Rico was in a low valley in the interior: 103°F. Absolute minimum in San Juan is 62°. (U. S. Weather Bureau 1961).

Precipitation is much as would be expected from the location and physiography of the island. Rainfall is almost entirely orographic so it is higher on the north side and east end, lower to the south and west.

The range in annual rainfall, Figure 2, is from approximately 180 inches in the Luquillo Mountains--with some years reaching 250 inches--to less than 40 inches on

Figure 1.--Location of Puerto Rico in the West Indies.



(RE-DRAWN FROM SMEDLEY 1961)

Figure 2.--Mean annual rainfall in Puerto Rico.

the south coast. At Central San Francisco, near Guánica, the annual mean is slightly above 34 inches, with occasional years of about 20 inches.

Distribution of rainfall is uneven, Figure 3, with most of the rain falling from May to November. February, March, and April are the driest months, with a secondary dip in mid-summer (Trewartha 1961).

Variability of rainfall, as measured by coefficient of variation, is greatest in March, which is also the driest month, Figure 4.

To the west of the Luquillo Mountains, August rains are fairly reliable, but those of November are not.

To the east of the mountains, the reverse is true: November rains are more reliable.

No studies have been made of fog drip in Puerto Rico. Doubtless it is appreciable on the high slopes.

Luquillo Mountains

As indicated earlier, the Luquillo Mountains are near the eastern end of Puerto Rico. The mountain mass is roughly conical, occupying about 100 square miles, and rising abruptly less than five miles from the sea which surrounds them on the north, east, and south, Figure 5.

The highest peak is only 3,532 feet, but the topography is rough, with sharp ridges and deep valleys.

Because the Luquillo Mountains are virtually coincident with the Luquillo Experimental Forest of the USDA Forest Service, we are interested--in fact, we are vitally concerned--with the weather and climate in those mountains.

Plant growth and development depend on the weather, and successful management of plants and plant communities--whether extensive, naturalistic management or intensive, agricultural-type management--depends on understanding the interrelationships between the plant and its environment. And understanding such relationships is patently impossible until the various aspects of the environment are known.

Cape San Juan receives more rainfall than any of the eastern United States except the upper slopes of the southern Appalachian Mountains, yet much of the eastern

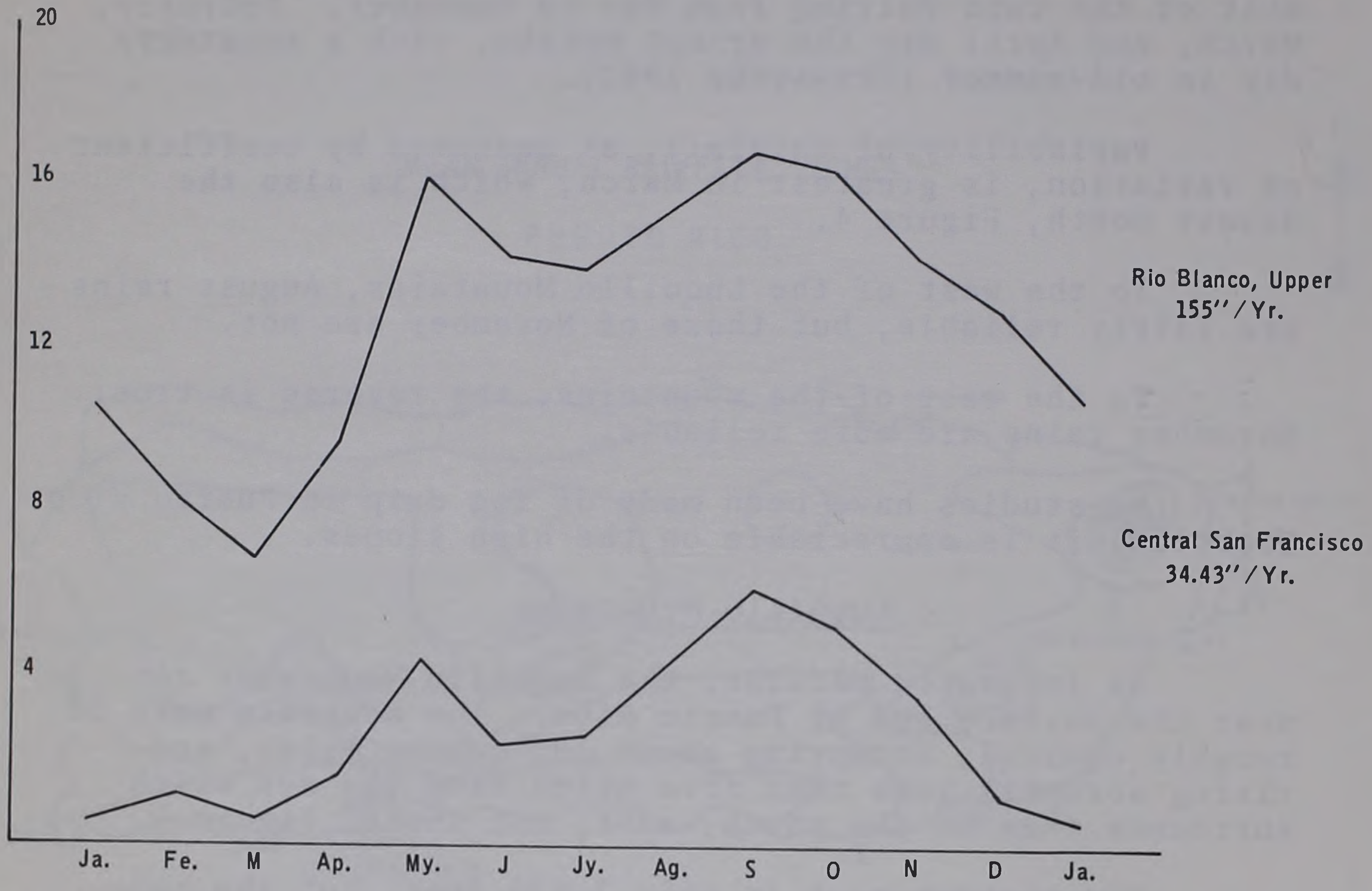


Figure 3.--Seasonal distribution of rainfall in Puerto Rico. Río Blanco, Upper, is in the Luquillo Mountains; Central San Francisco is on the southwestern coast. Note the similarity in pattern despite the difference in magnitude.

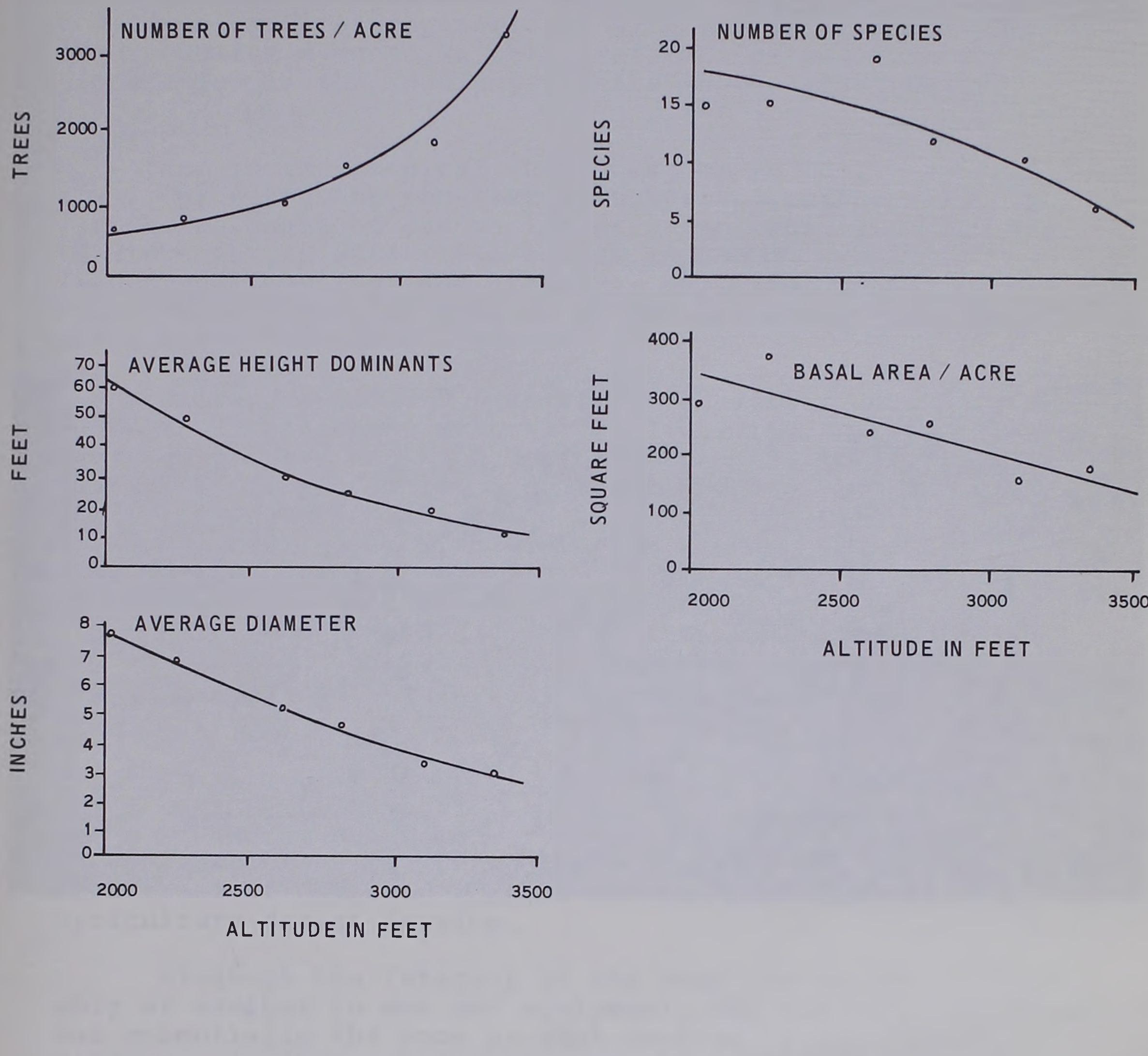


Figure 4.--Variability in rainfall.

Figure 5.--View of the Luquillo Mountains from the northeast.

states was and is covered with dense high forest whereas Cape San Juan supports only prickly pear and low brush.

The rainforest is, by definition, well-watered throughout the year, see the curve for Río Blanco in Figure 3. But the annual wave of regeneration withers and dies of apparent drouth during a month in which rainfall exceeds the yearly expectation in the woodlands of the southwestern United States.

And in the tropical rainforest where moisture is always present, the temperature never approaches freezing, and where length of day varies only two hours from midsummer to midwinter, plants still follow an annual cycle of flowering, fruiting, and growth as definite, if not as apparent or rigid, as they do in the forests of the sharply fluctuating temperate climates.

Below about 1,500 feet elevation in the Luquillo Mountains is a forest of commercial quality, with more than 150 tree species and with dominant trees 90 to 110 feet tall and 5 feet or more in diameter, Figure 6. Above 1,500 feet, although rainfall becomes steadily greater, the number of species decreases with elevation, as do heights of dominants and average diameter, Figure 7 (White 1963).

Why? Any reasonable explanation of these and hundreds, or thousands, of other apparently anomalous situations requires knowledge of the environment, and weather is one important aspect of the total environment.

Weather Stations

Weather observations reported, Figure 8, are from three agencies of the United States government: Army, Department of Commerce Weather Bureau, and Department of Agriculture Forest Service.

Although the interest of the Army lay in the relationship of weather to men and equipment, the raw data collected was essentially the same as that desired by the Forest Service. In this particular case the Army data were, in fact, broader in scope and more detailed at their primary stations than the data collected by either the Forest Service or the Weather Bureau installations.

They established eight stations in and around the Luquillo Mountains. Five were designated secondary, the remaining three were primary.

The primary stations were Cape San Juan, El Yunque, and Gurabo.

El Yunque peak is one of the highest and the most conspicuous peak in the Luquillo Mountains. The weather site was right at the peak proper, with the wind instruments and temperature tower extending above. Although approximately 12 miles from the northeast corner of Puerto Rico, there is no major obstruction to the sweep of the winds; if anything, the shape of the topography tends to funnel prevailing winds directly toward the peak.

Cape San Juan is the most northeastern portion of Puerto Rico, 12 miles northeast of El Yunque peak. The weather site was adjacent to the light station on a low hill, fully exposed to the northeast trade winds. Vegetation is sparse and desert-like.

Gurabo Agricultural Experiment Substation is an interior basin 13 miles southwest of El Yunque. The site was surrounded by experimental field crops.

The secondary stations tended to be intermediate points. Catalina nursery site was three miles north of El Yunque, on a north slope. Weather instruments were situated among the nursery seedbeds.

Fajardo water filtration plant is six miles east of El Yunque. The weather site is in a small valley on a grass-covered area.

Roosevelt Roads naval reservation site was on the coastal plain, ten miles east southeast of El Yunque, on a peninsula but not immediately adjacent to the sea.

Río Blanco hydroelectric plant is four miles south of El Yunque. The instruments were on a grassy area at the base of a very steep, high, wooded mountainside. Wind data from this station were strongly affected by local relief.

Fort Buchanan (now Naval Annex) is a north lowland site 23 miles northwest of El Yunque. Weather instruments were on a grassy flat area about one mile south of the Bay of San Juan.

San Juan site was on the grounds of the U. S. Weather Bureau, on a grassy area 23 miles northwest of El Yunque and across the Bay of San Juan from the Fort Buchanan location.

Figure 6.--Tabonuco forest, growing at an elevation of 800 feet in the Luquillo Mountains.

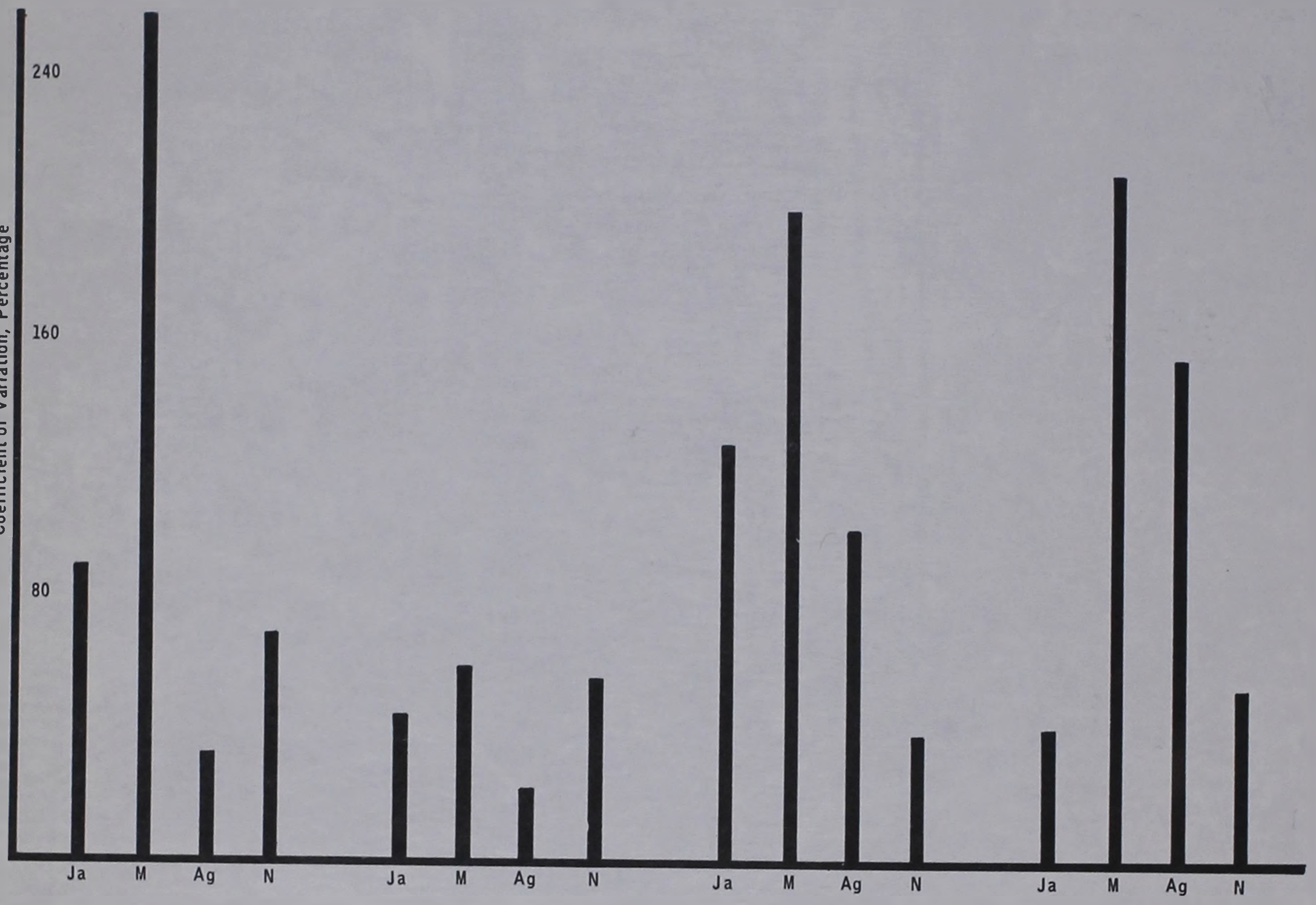
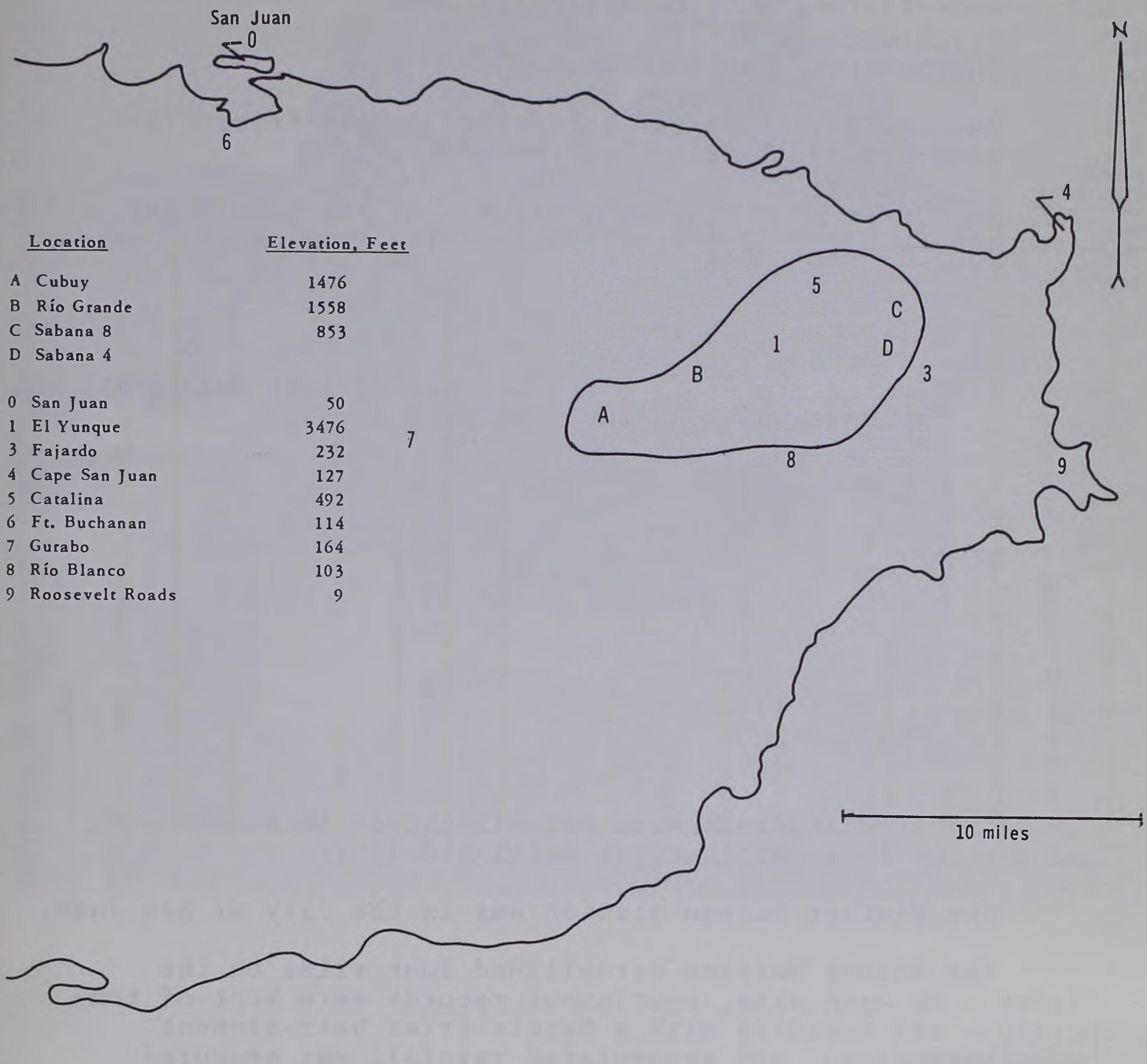


Figure 7.--Relationship of stand characteristics to elevation. Redrawn from White 1963.



Location	Elevation, Feet
A Cubuy	1476
B Río Grande	1558
C Sabana 8	853
D Sabana 4	
0 San Juan	50
1 El Yunque	3476
3 Fajardo	232
4 Cape San Juan	127
5 Catalina	492
6 Ft. Buchanan	114
7 Gurabo	164
8 Río Blanco	103
9 Roosevelt Roads	9

Figure 8.--Location of weather stations.

At the secondary stations, Figure 9, the instruments were:

Barograph, ML-3
Hygrothermograph, Bendix-Friez 594[1/]
Psychrometer, ML-24
Thermometer, Maximum, ML-4
Minimum, ML-5
Rain gauge, universal recording, Bendix-Friez 775-B
Anemograph, American Instrument Co.

At the primary stations, Figure 10, the same observations were made, plus readings from the instruments listed below.

Pyrheliometer, Eppley
Wind equipment, AN/GMQ-11
Gradient mast, Pfaff & Kendall with copper constant thermo-couples at the following levels:

-25cm
- 7.5
- 2.5
0
2.5
7.5
25
50
100
200
400

The Army stations were established in late 1958 and ran more or less continuously until mid-1962.

The Weather Bureau station was in the city of San Juan.

The Forest Service established four sites on the forest. At each site, continuous records were kept of temperature and humidity with a Bendix-Friez hair-element hygrothermograph, and accumulated rainfall was measured weekly with a standard 8-inch rain gauge.

Around each of the stations are slightly more than 100 plots where we are measuring long-term tree growth. In addition, phenological observations were made on ten trees of important species around each station.

1/ Mention of commercial products does not imply endorsement by the Forest Service, U. S. Department of Agriculture.

Figure 9.--Secondary weather station, Río Blanco.
U. S. Army photograph.

Figure 10.--Primary weather station, Cape San Juan.
U. S. Army photograph.

The Forest Service stations were established in May 1959, and continued 3 years through June 1962. One of the four, Río Grande, was continued through December 1965, with its attendant phenological observations.

Cubuy, like the other Forest Service sites, was an exposed shoulder. It was set in a forest, but with all trees removed within a radius equal to their own height above instrument level. Location is seven miles southwest of El Yunque.

Río Grande was 3 miles southwest of El Yunque; it was about halfway up a west-facing slope, as was Cubuy.

Sabana 8 was a little less than five miles northeast of El Yunque, on a north-facing slope.

Sabana 4 was three miles east of El Yunque, on an east-facing slope.

In addition, soil moisture determinations were made for four years, at the Río Grande site.

All data were read visually from instrument charts, for 1-hour intervals. Where data are cumulative, such as rainfall, the hourly reading represented the accumulation during the hour preceding the reading. All transcribed information was then manually punched into business machine cards, in the following format:

Card columns	Input information
1 - 2	Location code
3	Site code
4 - 5	Year, in twentieth century
6 - 7	Month
8 - 9	Day
10 - 11	Hour, 1 to 24
12 - 14	Dry bulb temperature, at about 5 feet above ground level
15 - 17	Dew point, degrees Fahrenheit
18 - 19	Relative humidity, percent
20 - 21	Wind direction
22 - 23	Wind speed, miles per hour
24 - 26	Temperature, 25 cm below ground surface
27 - 29	7.5 cm below ground surface
30 - 32	2.5 cm below ground surface
33 - 35	at ground surface
36 - 38	2.5 cm above ground surface
39 - 41	7.5 cm above ground surface
42 - 44	25 cm above ground surface
45 - 47	50 cm above ground surface
48 - 50	100 cm above ground surface
51 - 53	200 cm above ground surface
54 - 56	400 cm above ground surface
57 - 59	Solar radiation, Total (hemispheric), Langleys
60 - 61	Net
62 - 64	Vertical Eppley
65 - 67	Precipitation

Dry bulb temperature and dew point were recorded in whole degrees Fahrenheit. Wind direction was recorded by

a numerical code beginning with number 1 at north-northeast and proceeding in a clockwise direction to number 16 at due north. The gradient temperature, Fahrenheit, was recorded to tenths of a degree, with the decimal omitted. Precipitation was recorded in hundredths of inches.

Weather

Summaries of certain aspects of the information collected are given in Tables 1 - 17.

Mean temperature, Table 1, at Cape San Juan, near sea level and on the extreme northeastern tip of the island, averaged nearly 78°F, with a range in monthly means of a little over 4°. Gurabo, in an interior valley at 150 feet elevation, averaged 76°with a somewhat greater range.

El Yunque, at 3,500 feet, was not only cooler, but had slightly less variation in monthly means than Cape San Juan.

Thus, variability was not quite as originally expected, Figure 11. Gurabo is inland and had the greatest annual range. Cape San Juan had a 5-degree range. As noted by Smedley (1961, p.4) the smallest ranges are normally found near the coast, but El Yunque, several miles inland, had the same 5° annual variation as Cape San Juan, which should be as maritime as a land station can be.

Furthermore, maximum daily temperature variation on Cape San Juan averages nearly 45% more than El Yunque. Mean daily variation differences are of the same magnitude, and an inland station with less variability was not originally expected. However, the even temperatures on El Yunque peak are presumably a result of the continual cloud cover. Records during the rainy season, in fact, show some days with only one degree difference between daily maximum and minimum.

Diurnal temperature variations show approximately the same patterns. For the month shown, inland Gurabo had 21° variation, coastal Cape San Juan had 10°, and cloudy El Yunque had only 8°F.

Temperatures in the soil, Table 3, follow the same station-to-station pattern as air temperatures: Gurabo most variable and El Yunque least.

Stratification in the soil followed the pattern shown, Figure 12, in general. Temperatures rise earlier in summer, of course, and drop later.

HOURLY MEANS

February 1960

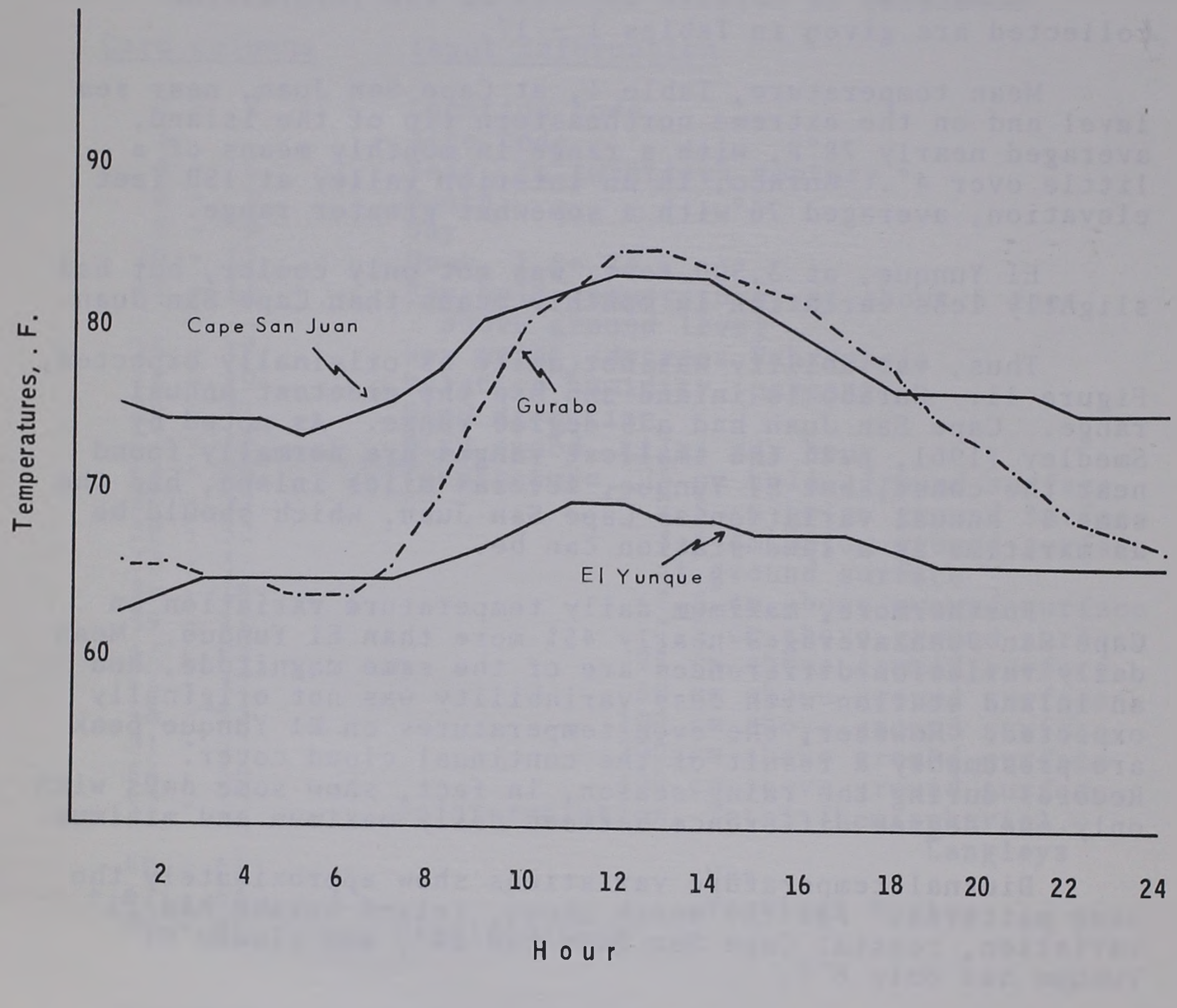


Figure 11.--Representative temperatures at the primary stations.

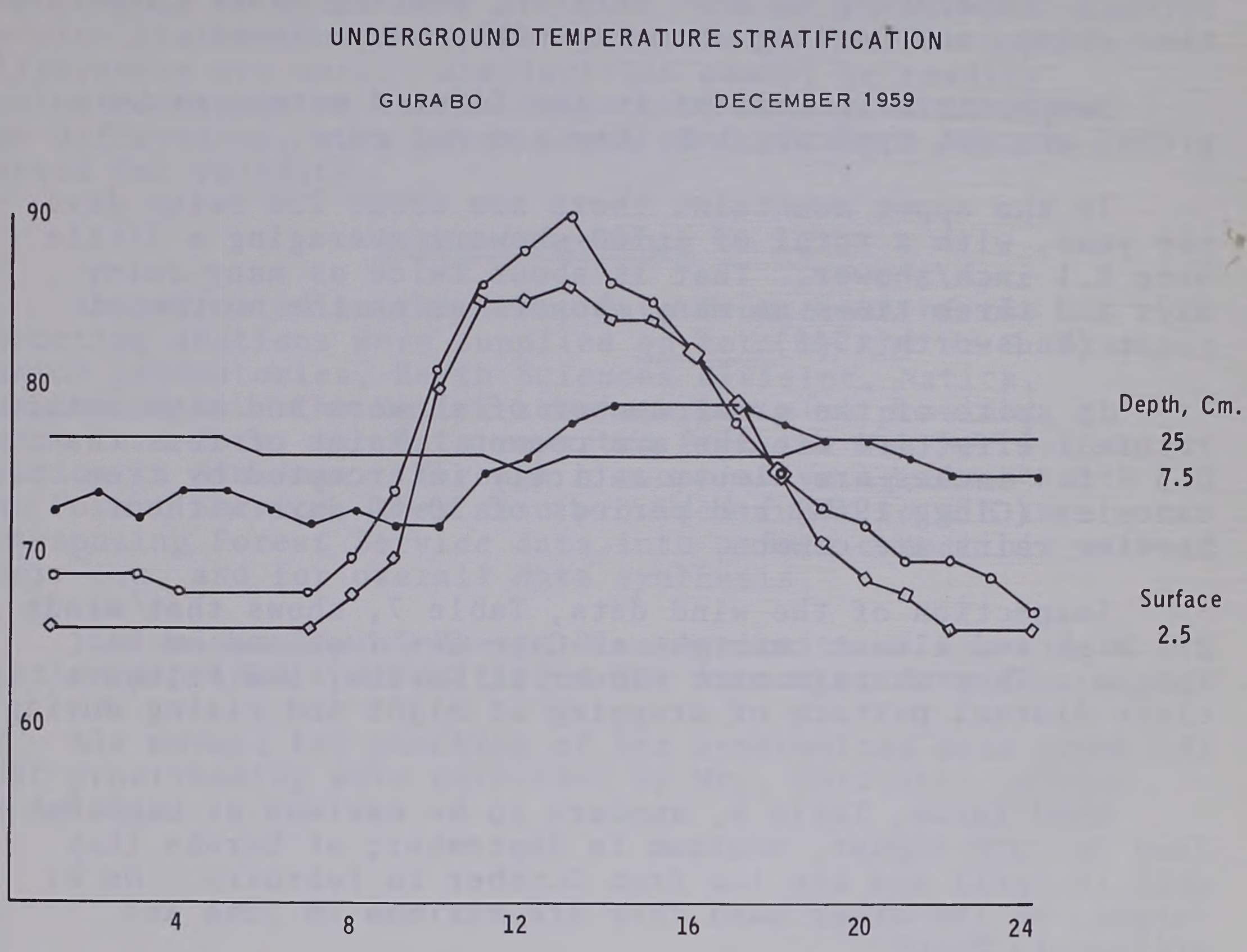


Figure 12.--Temperature stratification beneath the soil surface.

Temperature at -25cm is the most constant, and lags about six hours behind air temperatures.

Temperatures at -7.5 and -2.5 cm approach closer and closer to the pattern of surface temperature, which follows the pattern of air temperature, but in an exaggerated manner. Surface temperature is most erratic, heating under clear daytime skies, and cooling abruptly with every shower.

Temperature inversions in the first 4 meters above ground are not typical, but they are not rare.

In the upper mountains there are about 250 rainy days per year, with a total of 1,700 showers averaging a little over 0.1 inch/shower. That is about twice as many rainy days and three times as many showers as on the northeast coast (Wadsworth 1948).

In spite of the great number of showers and high total rainfall effective drouths are common. Rains of less than 0.3 - 0.4 inches are almost entirely intercepted by tree canopies (Clegg 1963) and periods of 30-60 days without heavier rains are common.

Inspection of the wind data, Table 7, shows that winds are high and almost constant at Cape San Juan and on El Yunque. They average much slower at Gurabo, and follow a clear diurnal pattern of dropping at night and rising during the day.

Wind force, Table 6, appears to be maximum at Cape San Juan in July-August, minimum in September; at Gurabo they peak in April and are low from October to February. On El Yunque, on the other hand they are maximum in June and minimum in March.

Unfortunately, it was impractical to mount the wind indicators high enough to eliminate all effects of surface obstructions, so velocity and direction indicated are influenced to an unknown degree by setting.

As indicated earlier, wind direction was coded on the points of the compass, with north-northeast coded number 1 and directions coded progressively in a clockwise direction around to number 16, which was due north.

Numerical averaging of such a code can lead to completely misleading results: north plus north-northeast averages numerically to south by west, north plus south averages west, etc. Nevertheless, mean code values are included, Table 17.

The most important reason is that in actual fact the wind did blow from a direction lying between north-northeast and south during an overwhelming majority of the time, lending a certain amount of plausibility to the mean values obtained. Whether such means are in fact useful depends on the purpose to which they are put. Secondly, such treatment permits statistical analysis to determine whether apparent differences are real. Similarities cannot be readily evaluated except as to the respective variances involved, but differences, at a given level of confidence, can be tested for validity.

Acknowledgements

As indicated in the text, data from eight of the reporting stations were supplied *en toto* by the U. S. Army, Natick Laboratories, Earth Sciences Division, Natick, Massachusetts. The Natick Laboratories also provided, in punch card form, the data reported from the Weather Bureau station in San Juan. Through a cooperative agreement with the Forest Service, they also provided funds to aid in transposing Forest Service data into a form compatible with their own, and for overall data synthesis.

The University of Puerto Rico Agricultural Experiment Station provided the facilities for automatic data processing.

All manual key punching of the synthesized data and most proofreading were performed by Mrs. Hortensia Delgado de Iglesias.

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TABLE 1. DIURNAL DISTRIBUTION OF MEAN TEMPERATURE, IN DEGREES FAHRENHEIT

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	75	76	75	73	75	78	77	79	78	79	78	75	75
2	75	73	74	74	75	77	77	79	78	79	78	76	76
3	75	75	74	74	76	79	77	79	77	78	77	76	76
4	75	75	74	74	76	78	77	79	78	78	78	76	76
5	75	75	74	74	76	78	77	79	78	78	77	76	76
6	75	75	74	74	76	78	77	79	78	78	77	75	76
7	76	76	75	74	77	81	79	81	79	80	79	78	77
8	77	78	78	77	79	81	81	83	81	81	81	78	79
9	78	80	79	77	79	82	83	84	82	83	83	79	80
10	80	82	80	77	80	83	83	85	83	83	83	80	81
11	81	83	81	76	80	84	85	86	83	84	84	81	82
12	82	83	82	76	80	84	85	86	84	84	84	80	82
13	80	83	82	79	81	84	83	83	84	84	84	81	82
14	80	83	83	78	81	83	81	86	84	83	83	80	81
15	79	83	83	78	80	83	82	85	83	82	81	80	81
16	78	81	83	77	79	81	82	84	82	81	81	79	80
17	76	79	81	77	79	81	81	81	80	80	79	77	78
18	75	77	80	76	78	80	79	80	79	80	79	77	77
19	75	77	78	75	77	79	78	80	79	79	78	76	77
20	75	77	77	75	77	79	78	79	79	79	78	76	77
21	75	77	77	75	77	79	78	80	79	79	78	74	77
22	75	76	76	75	77	79	78	80	79	79	78	76	77
23	75	76	76	72	76	79	78	80	79	79	78	76	76
24	74	76	76	73	76	78	77	79	78	79	78	75	76
AVERAGE*	77	78	78	76	78	80	80	81	80	80	80	77	78

* AVERAGES ARE BASED ON HOURLY READINGS SO MAY DIFFER SLIGHTLY FROM AVERAGE OF HOURLY MEANS.

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	62	61	63	65	65	65	64	66	65	65	65	63	64
2	62	63	63	65	65	66	64	66	64	65	65	63	64
3	62	62	63	65	65	65	64	66	64	65	65	62	64
4	62	62	62	64	65	65	64	66	64	65	65	62	64
5	62	62	62	65	65	65	64	65	64	65	65	62	64
6	62	62	62	64	65	66	64	65	64	65	65	63	64
7	62	62	63	64	65	66	64	66	65	66	65	63	64
8	63	63	63	65	65	66	64	66	66	66	66	63	65
9	64	64	64	65	66	66	65	67	67	67	67	64	66
10	64	65	64	66	66	67	66	67	68	68	67	64	66
11	65	66	64	66	67	67	65	68	68	68	67	65	66
12	65	66	63	66	67	67	66	67	68	67	67	65	66
13	65	66	63	66	67	67	66	68	68	68	67	65	66
14	65	66	64	66	67	67	65	68	68	68	67	65	66
15	64	65	64	66	66	67	65	68	67	68	66	64	66
16	64	65	64	66	66	67	65	67	66	67	66	64	66
17	63	65	64	65	66	67	65	67	66	67	65	64	65
18	63	64	64	65	66	66	65	67	65	66	65	63	65
19	63	63	63	65	65	66	65	66	65	66	65	63	65
20	63	63	63	65	65	66	65	66	65	66	65	63	65
21	63	63	63	65	65	67	65	66	65	66	65	63	65
22	63	63	64	65	65	66	65	66	65	66	65	63	65
23	63	63	63	65	65	66	65	66	65	66	65	63	65
24	63	63	63	65	65	66	64	64	65	66	65	63	64
AVERAGE	63	64	63	65	66	68	65	66	66	66	66	63	65

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	66	65	67	70	73	73	73	72	72	70	68	66	70
2	66	65	66	69	70	74	73	72	72	70	68	66	69
3	67	64	66	69	72	72	73	72	71	70	68	65	69
4	68	64	66	68	70	72	72	71	71	70	67	65	69
5	64	63	66	68	69	72	71	71	71	70	67	65	68
6	64	64	65	68	69	72	71	71	71	70	67	66	68
7	64	64	67	71	72	75	74	74	73	72	69	66	70
8	67	67	70	75	79	78	78	78	76	76	72	68	74
9	73	73	78	79	80	82	83	83	81	81	79	74	79
10	78	79	82	82	85	84	85	83	83	84	82	79	82
11	81	82	83	84	86	85	86	86	84	86	84	81	84
12	82	84	85	85	84	86	87	87	83	86	84	82	85
13	84	84	85	84	87	86	87	87	84	85	84	82	85
14	83	83	85	84	86	86	87	87	84	85	84	82	85
15	82	83	85	83	85	86	87	86	83	84	82	81	84
16	81	82	84	83	84	84	86	86	83	83	80	80	83
17	79	80	82	81	83	83	84	84	81	80	78	78	81
18	77	78	79	79	82	82	83	82	78	78	76	75	79
19	74	75	76	76	80	80	80	80	77	76	73	72	77
20	71	72	75	75	78	78	78	79	75	74	72	70	75
21	70	70	71	73	77	77	77	76	75	73	71	69	73
22	69	68	71	72	76	75	76	75	74	73	70	67	72
23	68	67	70	71	75	74	76	74	73	72	69	68	71
24	67	66	69	70	74	74	75	73	72	71	69	67	71
AVERAGE	76	73	74	76	78	79	79	79	77	77	74	70	76

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	71	70	71	72	73	75	73	75	68	73	72	71	72
2	71	69	71	70	73	75	71	74	68	74	73	71	72
3	70	69	70	72	72	73	73	74	68	73	73	71	72
4	70	69	70	71	72	73	73	74	68	74	72	71	71
5	70	69	70	70	72	74	72	73	68	72	72	70	71
6	70	69	70	70	73	74	72	74	67	73	72	70	71
7	70	70	71	73	76	75	75	76	68	75	74	71	73
8	72	73	74	76	76	78	76	78	69	77	76	73	75
9	75	77	76	79	79	80	78	80	69	79	78	76	77
10	76	79	79	80	80	81	79	81	69	80	79	77	78
11	77	81	80	81	81	81	80	81	70	81	80	78	79
12	78	82	81	82	81	82	81	82	70	81	80	78	80
13	79	82	81	81	81	82	81	82	73	82	80	77	80
14	79	82	79	82	81	82	80	82	72	81	80	78	80
15	78	79	81	82	80	81	79	81	72	80	78	77	79
16	77	79	80	80	78	81	79	82	71	79	77	76	78
17	75	77	78	78	77	79	77	79	71	77	75	74	76
18	73	74	75	76	76	78	76	77	70	75	74	72	75
19	72	72	73	73	75	76	74	76	71	74	74	72	74
20	71	71	72	73	74	76	74	75	71	75	73	74	73
21	71	71	72	73	73	75	73	75	71	74	73	72	73
22	71	71	71	72	74	75	73	75	71	74	73	72	73
23	71	70	71	72	73	75	73	75	71	74	73	72	72
24	71	70	71	72	73	75	73	75	72	74	73	71	72
AVERAGE	73	74	74	75	76	77	76	77	77	76	75	74	75

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	70	70	72	73	75	73	73	76	73	73	73	71	73
2	70	69	72	73	74	73	74	75	73	73	73	72	73
3	70	69	71	73	75	73	73	75	73	73	72	71	72
4	70	69	70	72	74	73	73	74	72	73	72	71	72
5	69	68	71	72	74	72	73	74	73	73	72	71	72
6	69	68	71	72	74	73	73	74	72	73	72	71	72
7	70	69	72	75	77	76	76	76	75	75	74	73	74
8	72	72	77	78	80	74	79	80	79	79	78	75	76
9	77	77	79	80	82	80	80	82	81	82	81	79	80
10	79	79	82	81	83	81	82	83	82	83	83	80	82
11	80	81	82	83	84	82	82	85	83	84	83	81	82
12	80	81	83	83	84	81	83	85	84	84	83	81	83
13	81	81	83	83	83	82	83	84	81	84	84	81	82
14	80	81	83	83	83	82	83	85	84	84	83	81	83
15	80	81	82	82	82	81	82	84	83	83	81	80	82
16	79	80	81	81	81	80	81	83	85	81	80	79	81
17	78	79	80	80	81	79	79	82	80	80	78	77	79
18	76	75	78	78	79	78	78	80	78	78	77	75	78
19	73	74	78	77	78	77	76	78	76	76	75	74	76
20	72	73	74	75	76	75	76	77	75	75	75	73	75
21	71	71	73	75	76	75	75	77	75	75	74	73	74
22	71	71	73	74	76	74	75	77	74	75	74	72	74
23	71	71	72	74	76	74	75	76	74	74	74	72	74
24	70	70	74	74	76	74	75	76	74	74	74	72	74
AVERAGE	74	74	76	77	78	77	77	79	77	78	77	75	77

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	75	75	76	77	78	80	80	80	78	78	77	76	78
2	75	74	75	77	76	79	80	80	78	78	77	75	77
3	75	74	75	76	76	79	79	79	78	78	77	75	77
4	74	74	75	76	76	78	79	79	78	78	77	75	77
5	74	74	74	76	76	78	79	79	77	78	77	75	76
6	74	74	74	76	76	78	79	79	78	78	77	75	76
7	74	74	75	77	78	80	79	80	78	78	77	75	77
8	75	76	77	80	80	82	82	82	82	81	79	77	79
9	78	78	80	81	81	83	83	84	84	84	82	79	81
10	81	79	81	82	82	84	84	84	85	85	83	81	83
11	82	81	82	83	83	86	85	86	86	86	84	82	84
12	82	82	83	84	84	86	86	86	86	86	85	83	84
13	82	82	83	84	84	86	86	86	86	86	85	83	84
14	82	82	83	84	84	86	86	86	86	86	85	83	84
15	81	82	83	83	83	86	86	86	86	86	84	82	84
16	81	82	83	82	82	85	85	86	85	85	83	82	83
17	81	81	81	82	82	84	84	84	84	84	82	81	82
18	79	80	80	80	81	84	83	83	32	82	80	79	81
19	77	77	78	79	80	82	82	82	80	80	79	77	79
20	76	77	77	78	78	81	80	81	80	80	78	77	79
21	76	76	77	77	78	80	80	80	79	80	78	77	78
22	76	75	76	77	78	80	80	80	79	80	78	77	78
23	75	75	76	76	78	80	80	80	79	80	78	76	78
24	75	75	76	76	78	80	80	80	79	79	77	76	78
AVERAGE	78	77	78	80	80	82	82	82	81	81	80	78	80

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	71	71	73	73	76	77	76	76	75	75	73	71	74
2	72	71	72	73	74	76	76	76	75	75	72	70	74
3	72	71	72	72	75	76	75	75	75	75	72	70	73
4	72	71	71	72	75	76	75	75	75	75	72	70	73
5	71	70	72	72	75	76	75	75	72	74	72	70	72
6	71	70	71	72	75	76	75	75	72	74	71	70	73
7	71	70	72	73	76	77	76	77	71	76	72	71	74
8	72	72	74	76	77	79	79	79	74	80	74	72	76
9	77	76	78	79	82	82	82	82	77	83	81	78	80
10	80	79	81	82	83	83	84	84	79	85	83	80	82
11	81	80	82	83	84	84	85	85	80	85	84	82	83
12	81	81	83	83	85	85	86	86	83	87	84	81	84
13	82	82	83	83	85	85	86	86	80	85	84	82	84
14	82	82	84	84	85	85	86	86	83	85	84	82	84
15	81	82	83	83	84	85	86	86	82	85	83	81	83
16	81	81	82	82	83	84	85	85	83	83	82	80	83
17	80	80	82	80	82	83	84	83	82	81	80	78	81
18	77	78	80	79	81	82	82	82	80	79	76	77	79
19	75	76	77	76	79	80	80	79	78	78	75	74	77
20	74	74	75	74	78	78	78	78	77	77	74	73	76
21	74	72	75	74	77	77	77	77	76	76	74	72	75
22	74	72	74	74	77	77	77	77	76	76	74	71	75
23	74	72	73	73	76	77	77	76	76	75	73	72	74
24	73	72	73	73	76	77	77	76	75	75	73	72	74
AVERAGE	76	75	77	77	79	80	80	80	77	79	76	75	78

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	72	71	72	74	76	76	75	76	75	74	73	72	74
2	71	71	72	73	73	74	74	75	75	74	73	72	73
3	70	70	71	73	75	75	74	75	75	74	72	71	73
4	70	70	71	74	75	74	74	74	75	74	72	71	73
5	70	70	71	73	74	74	73	74	74	74	72	71	73
6	70	69	70	73	74	74	74	74	74	73	72	71	72
7	70	71	72	76	78	78	77	76	76	76	74	72	75
8	73	74	76	79	81	81	80	82	79	80	78	74	78
9	78	79	81	81	83	83	82	85	83	83	82	78	82
10	80	81	83	82	84	84	82	85	84	85	83	80	83
11	82	82	83	83	84	84	83	86	85	85	84	82	84
12	82	84	84	83	85	85	83	85	85	85	84	82	84
13	82	83	84	83	84	85	83	85	84	85	84	82	84
14	82	84	84	83	84	85	83	84	84	84	83	82	84
15	82	83	84	82	84	85	83	84	83	84	82	81	83
16	80	82	82	81	80	84	83	84	82	82	81	80	82
17	78	80	81	80	79	83	80	83	81	81	79	79	80
18	76	78	80	79	80	81	80	82	79	79	78	77	79
19	76	77	78	76	77	80	78	80	78	78	76	76	78
20	74	76	76	77	77	79	78	79	78	77	76	75	77
21	74	74	75	77	76	78	77	78	77	76	76	74	76
22	73	73	75	76	76	77	76	77	76	76	75	73	75
23	72	72	74	75	75	77	75	77	76	75	74	73	75
24	72	72	73	74	75	76	75	76	75	75	74	73	74
AVERAGE	75	76	77	78	79	79	78	80	79	79	77	76	78

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	71	71	72	74	74	76	77	76	76	75	73	73	74
2	70	70	71	73	74	76	76	76	75	75	73	72	73
3	70	70	70	73	73	75	76	76	75	75	72	72	73
4	69	69	70	72	73	74	76	76	74	74	72	72	73
5	69	69	70	72	72	74	75	75	74	74	72	72	72
6	69	69	70	72	72	74	75	75	74	74	73	71	72
7	69	69	70	72	74	75	76	76	74	74	72	71	73
8	70	71	73	75	76	79	79	78	78	78	75	73	75
9	76	76	78	80	80	83	82	82	82	82	80	77	80
10	79	79	80	81	81	83	83	84	84	84	82	80	82
11	79	80	81	81	82	85	84	85	85	84	83	81	82
12	81	81	83	82	82	85	85	85	85	85	83	82	83
13	79	81	83	83	83	86	86	86	85	84	83	82	83
14	81	81	83	83	84	86	86	86	84	84	83	82	84
15	80	81	83	82	82	85	85	85	84	83	83	82	83
16	80	81	82	82	82	84	85	85	84	82	82	81	82
17	80	80	81	81	81	84	84	84	83	81	81	80	82
18	79	79	80	80	80	83	83	83	82	79	80	78	80
19	76	77	77	78	79	81	81	81	81	78	78	77	79
20	74	76	76	77	77	78	80	79	80	77	77	76	77
21	73	74	75	76	76	77	79	79	78	76	76	75	76
22	73	73	74	76	76	77	79	78	77	76	75	74	76
23	72	73	73	74	75	77	78	78	77	76	76	74	75
24	71	72	72	75	75	77	77	77	76	76	74	73	75
AVERAGE	74	75	75	71	75	83	80	80	73	74	78	77	78

SABANA 8

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	67	70	68	69	70	72	72	74	72	74	68	69	70
2	67	70	68	69	70	72	72	73	71	73	70	69	70
3	67	70	67	69	70	72	72	73	72	73	69	69	70
4	67	70	68	69	70	72	72	73	71	71	68	68	70
5	67	69	68	69	70	72	72	73	72	72	69	68	70
6	67	69	68	70	71	73	72	73	72	72	68	67	70
7	68	70	70	74	74	75	75	75	74	74	70	69	72
8	69	70	72	74	75	76	76	77	77	75	72	70	74
9	71	74	75	76	76	78	78	79	80	76	75	72	76
10	71	75	76	78	78	79	77	79	81	77	76	72	77
11	72	75	76	78	79	80	79	80	81	78	77	74	77
12	74	76	78	78	79	80	80	81	80	78	77	74	78
13	75	76	78	79	78	80	79	81	82	79	77	74	78
14	74	76	78	78	78	79	78	79	81	78	76	74	77
15	73	76	76	77	78	78	78	80	80	77	75	73	77
16	72	74	75	75	76	77	77	79	78	76	73	72	75
17	71	72	74	74	75	76	76	77	77	75	72	70	74
18	69	70	70	72	73	74	75	73	74	74	71	69	72
19	69	70	70	70	72	73	74	75	74	74	70	70	72
20	68	70	72	70	72	73	74	75	74	76	70	69	72
21	68	70	69	70	72	72	73	74	73	74	70	69	71
22	68	70	69	74	72	72	73	77	73	74	70	70	72
23	68	70	69	70	71	72	73	74	73	74	70	68	71
24	67	70	68	70	71	72	72	74	73	74	70	69	71
AVERAGE	70	72	72	73	74	75	75	76	76	75	72	70	73

SABANA 4

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	68	66	66	67	70	71	73	69	68	68	71	68	69
2	67	66	66	67	70	71	73	68	68	68	69	68	68
3	68	66	66	68	70	71	73	68	67	68	69	68	68
4	67	66	66	68	69	71	73	68	66	68	69	68	68
5	67	66	66	68	70	71	73	68	67	68	69	67	68
6	68	66	66	68	70	72	73	68	67	68	69	67	68
7	69	67	67	71	72	75	75	70	69	69	70	69	70
8	72	69	67	72	73	74	76	72	71	70	72	69	71
9	72	71	75	74	75	76	78	74	75	71	74	72	74
10	72	73	72	75	76	77	79	76	76	73	75	71	75
11	74	73	74	77	77	78	78	76	76	74	76	74	76
12	74	74	75	78	77	78	79	76	76	73	77	73	76
13	74	74	75	75	76	78	79	76	78	74	75	73	76
14	73	74	75	74	76	78	78	75	77	73	76	73	75
15	72	74	75	74	76	78	78	76	76	72	74	74	75
16	71	71	73	72	74	76	79	75	74	71	72	71	73
17	70	70	75	71	73	75	75	72	72	69	72	70	72
18	69	68	69	69	71	73	74	65	71	69	71	69	70
19	69	67	69	69	71	73	73	68	71	68	70	68	70
20	68	67	67	68	71	71	73	67	69	68	70	69	69
21	68	67	67	68	70	72	73	67	68	68	70	68	69
22	69	67	67	66	70	72	73	67	68	68	70	69	69
23	69	66	67	68	70	72	73	68	69	68	69	68	69
24	69	66	67	67	70	71	73	68	69	68	69	68	69
AVERAGE	70	69	70	71	72	74	75	71	71	70	72	70	71

RIO GRANDE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	64	64	65	67	66	71	70	70	69	70	67	66	67
2	64	64	65	67	66	71	70	70	69	69	67	66	67
3	64	64	64	66	66	71	70	70	69	69	67	66	67
4	64	63	64	68	67	71	69	70	69	69	67	66	67
5	64	62	64	67	66	71	70	70	69	69	67	66	66
6	65	65	64	67	67	71	72	70	69	69	67	65	68
7	65	67	65	70	72	72	71	72	72	71	69	67	69
8	69	71	66	70	70	72	76	73	70	69	69	67	70
9	69	71	70	74	75	76	79	76	76	76	73	70	74
10	70	71	71	74	75	76	76	78	77	76	74	69	74
11	72	72	76	77	77	78	79	79	78	78	77	73	76
12	73	74	76	74	78	79	80	80	80	78	77	73	77
13	73	75	77	77	78	79	81	80	80	79	78	75	77
14	75	75	77	75	78	79	80	80	79	79	76	74	78
15	74	75	77	76	77	79	80	79	80	77	76	74	77
16	72	74	76	75	76	78	78	78	78	75	73	72	75
17	71	71	75	75	76	79	76	76	77	74	71	71	74
18	68	68	71	71	72	75	75	73	73	70	79	68	71
19	67	64	69	70	70	74	74	71	71	70	68	67	70
20	66	65	66	68	68	70	71	70	70	70	68	67	70
21	66	66	66	67	68	70	71	70	69	69	68	67	68
22	66	66	65	67	68	70	71	70	69	69	68	66	68
23	66	66	65	67	67	70	70	70	69	70	67	66	68
24	66	66	65	67	67	70	71	70	69	69	67	66	68
AVERAGE	68	68	69	71	71	74	74	74	73	72	70	69	71

CUBUY

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	68	68	67	69	70	71	72	71	73	73	71	70	70
2	68	66	65	63	70	71	72	71	72	73	71	70	69
3	68	68	66	64	69	71	72	72	72	73	71	70	70
4	68	68	67	68	69	71	72	71	73	72	70	70	70
5	68	67	67	68	68	71	71	72	72	73	71	72	70
6	68	68	67	73	70	71	72	71	72	73	71	70	70
7	70	69	68	70	72	73	73	75	76	75	73	71	72
8	70	70	70	71	73	74	73	72	76	76	73	71	72
9	74	74	75	75	76	77	78	80	81	79	77	74	77
10	76	75	76	76	77	78	78	81	81	80	77	75	78
11	78	78	79	78	79	79	82	83	84	81	81	77	80
12	78	79	81	79	78	79	82	83	83	82	80	77	80
13	80	80	81	80	80	81	81	84	84	81	82	79	81
14	80	80	80	79	79	82	82	82	82	79	81	77	80
15	78	80	79	80	78	81	80	82	81	77	80	77	79
16	76	78	77	78	77	80	78	80	79	74	77	75	77
17	74	76	76	77	76	78	79	79	77	76	76	74	76
18	72	72	73	74	74	76	76	76	75	74	74	72	74
19	70	71	71	73	72	74	75	74	74	74	73	71	73
20	70	69	69	70	71	73	75	73	73	73	71	70	71
21	68	68	69	70	71	72	73	72	73	73	73	73	71
22	68	68	68	69	70	71	72	72	73	73	72	70	70
23	68	66	68	69	70	71	72	72	73	73	71	70	70
24	68	68	67	69	70	71	72	72	73	73	71	70	71
AVERAGE	72	72	72	72	73	75	76	76	76	75	74	73	74

TABLE 2. PERCENTAGE OF TIME TEMPERATURE IS AT OR ABOVE DESIGNATED DEGREES FAHRENHEIT

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
CAPE SAN JUAN													
90	0	0	1	1	2	R	0	3	R	R	R	0	2
80	25	31	35	56	76	57	57	70	60	59	43	21	49
70	100	100	98	100	100	98	100	100	100	99	100	100	99
60			100			100				100			100
EL YUNQUE													
80	0	0	0										
70	1	7	5	3	3	1	2	16	7	6	4	2	5
60	93	83	96	100	79	100	100	99	100	100	100	91	95
GURABO													
90	R	1	R	R	4	2	6	6	1	1	1	0	3
80	24	22	33	35	43	42	47	42	40	35	29	24	35
70	57	60	69	85	95	96	95	97	80	85	68	58	79
70	57	60	69	85	95	96	95	97	80	85	68	58	79
60	98	98	100	100	100	100	100	100	100	100	100	99	99

R-- RARELY, LESS THAN HALF A PERCENT

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
					CATALINA								
90	0	0	R	R	R	0	0	0	0	0			R
80	6	15	18	24	18	30	22	31	20	24	15	7	19
70	81	81	87	96	96	100	96	99	66	98	96	91	90
60	96	92	98	100	100		100	100	99	99	99	97	98
					FAJARDO								
90	0	0	R	0	0	0	0	1	0	0	R	0	1
80	19	24	31	34	38	33	36	45	38	37	32	21	32
70	80	76	88	96	100	90	98	100	98	98	97	90	92
60	99	99	100	100		100	100		100	100	99	99	99
					ROOSEVELT ROADS								
90	0	0	0	0			R	R	1	R	R	0	R
80	27	28	31	40	28	57	75	81	65	70	50	34	45
70	98	98	99	100	100	100	100	99	100	100	100	99	99
60	100	100	100					100				100	100
					RIO BLANCO								
90	0	0	R	R	R	R	1	R	1	R	R	R	1
80	24	27	33	32	42	44	48	42	39	38	31	23	35
70	87	90	92	98	99	100	99	100	100	98	95	86	95
60	98	99	99	100	100		100			100	99	98	99

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
FORT BUCHANAN													
90	R	0	R	R	2	1	1	1	2	R	0	R	1
80	25	28	33	37	44	46	40	47	40	38	32	24	36
70	88	81	89	99	99	100	99	100	100	99	99	91	95
60	98	97	99	100	100		100			100	100	100	99
SAN JUAN													
90	0	0	0		R	R	R	0	R	R	R	0	R
80	27	15	22	30	22	24	29	12	26	31	24	14	23
70	92	90	94	97	100	100	100	100	100	100	99	96	97
60	100	100	100	100							100	100	100
SABANA 8													
90	0	0	0	R	0	0	R	0	0	0	R	0	R
80	1	2	5	5	11	19	18	19	17	10	5	1	10
70	31	36	38	44	56	78	76	73	65	64	45	33	55
60	99	98	99	100	99	100	100	100	100	99	99	99	99
SABANA 4													
80		R	1	2	5	11	12	17	18	6	4	R	7
70	42	37	39	51	81	95	98	98	96	89	66	41	71
60	100	99	100	100	100	100	100	100	99	100	100	100	99

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
						RIO GRANDE							
90	R	0	0	0	R	0	R	0	0	0	0	0	R
80	R	4	6	9	12	15	21	25	26	16	6	1	13
70	45	61	58	73	88	96	99	99	99	96	71	52	80
60	99	99	99	99	100	100	99	100	99	99	100	99	99
						CUBUY							
90	0	0	R	0	0	0	0	R	R	R	0	0	R
80	10	12	17	15	15	25	21	26	27	21	16	37	19
70	48	45	49	64	75	93	95	95	96	96	90	58	80
60	100	100	99	99	100	99	100	99	100	100	99	100	99

TABLE 3. LOW-LEVEL TEMPERATURE STRATIFICATION, IN DEGREES FAHRENHEIT

CAPE SAN JUAN

JANUARY

HOUR	HEIGHT OF MEASUREMENT ABOVE GROUND LINE, IN CENTIMETERS										
	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	79.5	77.0	74.9	73.4	73.2	74.2	75.3	75.6	75.8	76.1	76.6
2	79.4	76.7	74.7	73.2	73.0	74.1	75.2	75.5	75.8	76.1	76.5
3	79.4	76.5	74.5	73.0	72.8	74.0	75.1	75.4	75.7	76.0	76.4
4	79.3	76.3	74.3	73.0	72.8	73.9	75.0	75.3	75.6	75.8	76.2
5	79.2	76.1	74.1	72.8	72.7	73.9	75.1	75.4	75.7	75.9	76.5
6	79.1	76.0	74.0	72.6	72.6	73.8	75.1	75.4	75.6	75.9	76.4
7	79.0	75.8	73.9	72.8	72.7	73.7	74.9	75.2	75.5	75.7	76.2
8	78.9	75.8	74.7	76.8	76.6	77.4	77.3	77.3	77.2	77.2	77.3
9	78.8	76.4	77.1	83.5	81.8	80.4	79.1	78.8	78.6	78.4	78.2
10	78.8	77.7	80.6	85.3	86.5	83.0	80.7	80.2	79.9	79.5	79.1
11	78.7	79.3	84.6	83.2	84.2	84.5	81.9	81.2	80.9	80.3	79.6
12	78.7	81.3	84.5	86.3	76.8	84.4	81.9	81.3	80.9	80.2	79.5
13	78.7	83.1	83.0	88.9	81.8	84.2	81.9	81.2	80.8	80.1	79.3
14	78.9	84.3	85.9	81.5	82.8	83.7	81.9	81.1	80.7	80.2	79.6
15	79.0	84.5	86.9	84.5	85.7	81.7	80.7	80.3	80.1	79.6	79.2
16	79.3	83.7	83.5	81.6	80.3	79.4	79.0	78.8	78.7	78.6	78.5
17	79.5	82.4	81.1	78.2	76.9	76.7	77.0	77.2	77.4	77.4	77.6
18	79.7	81.1	79.3	75.8	75.0	75.1	75.9	76.1	76.4	76.6	76.9
19	79.8	80.1	77.9	74.9	74.3	74.9	75.9	76.2	76.4	76.7	77.1
20	79.8	79.3	77.0	74.4	73.9	74.7	75.9	76.1	76.4	76.7	77.1
21	79.8	78.8	76.4	74.1	73.8	74.6	75.7	76.0	76.3	76.5	77.0
22	79.8	78.3	76.0	74.2	73.8	74.8	75.9	76.1	76.4	76.6	77.0
23	79.7	77.8	75.6	73.8	73.5	74.5	75.5	75.8	76.0	76.3	76.7
24	79.6	77.5	75.2	73.5	73.3	74.2	75.3	75.5	75.8	76.0	76.5
MEAN	79.3	79.0	78.3	77.5	76.7	77.3	77.4	77.4	77.4	77.4	77.5

FEBRUARY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	81.6	78.6	75.5	72.7	72.8	74.2	75.2	75.5	75.7	75.9	76.3
2	81.3	78.0	75.0	72.2	72.3	73.6	74.7	75.0	75.2	75.5	75.8
3	81.3	77.8	74.8	72.1	72.2	73.5	74.5	74.8	75.0	75.3	75.7
4	81.2	77.4	74.6	72.0	72.2	73.4	74.5	74.7	75.1	75.3	75.7
5	81.0	77.1	74.4	71.7	71.9	73.4	74.6	74.9	75.1	75.4	75.8
6	80.9	76.9	74.1	71.7	71.9	73.5	74.6	74.8	75.1	75.4	75.9
7	80.8	76.7	74.1	72.4	72.5	73.9	75.0	75.3	75.5	75.7	76.1
8	80.6	76.6	76.1	79.2	78.8	79.7	78.4	78.2	78.0	77.8	77.4
9	80.6	77.5	80.6	80.1	85.8	83.2	80.6	80.1	79.5	79.0	78.5
10	80.5	79.5	86.0	83.6	82.1	87.0	83.0	82.2	81.6	80.8	79.6
11	80.3	82.1	87.5	82.5	81.3	87.3	83.5	82.6	81.9	81.1	80.1
12	80.3	85.0	93.3	87.0	81.1	88.7	84.3	83.3	82.8	81.9	80.3
13	80.4	87.5	93.9	85.8	81.3	87.4	83.7	83.0	82.4	81.5	80.4
14	80.6	88.9	89.7	88.6	86.7	87.0	83.7	82.8	82.2	81.3	80.3
15	80.8	89.0	88.4	80.6	90.8	85.1	82.4	81.6	81.2	80.5	79.8
16	81.1	87.5	87.9	79.8	85.6	83.3	81.4	81.0	80.7	80.2	79.7
17	81.4	86.3	85.2	81.6	79.4	78.8	78.8	78.7	78.6	78.6	78.6
18	81.7	84.6	82.3	78.5	77.0	76.8	77.0	77.1	77.2	77.3	77.5
19	81.8	83.0	80.0	75.7	75.1	75.4	76.3	76.5	76.7	76.9	77.2
20	81.9	81.8	78.7	75.0	74.6	75.2	76.1	76.3	76.5	76.8	77.1
21	81.9	81.0	77.9	74.5	74.3	75.1	76.0	76.2	76.4	76.7	77.0
22	81.9	80.3	77.2	74.1	74.1	75.0	75.9	76.1	76.3	76.6	76.8
23	81.8	79.6	76.5	73.6	73.6	74.6	75.6	75.8	76.0	76.2	76.6
24	81.7	79.1	76.0	73.2	73.3	74.5	75.5	75.7	76.0	76.2	76.6
MEAN	81.1	81.3	80.8	77.4	77.5	78.7	78.1	78.0	78.0	77.8	77.7

MARCH

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	83.7	79.8	75.7	73.6	73.6	74.1	74.9	75.1	75.3	75.4	75.7
2	83.5	79.3	75.3	73.4	73.4	73.8	74.7	74.9	75.0	75.2	75.6
3	83.3	78.8	74.9	73.0	73.1	73.8	74.6	74.8	75.0	75.1	75.5
4	83.1	78.4	74.5	72.8	72.9	73.7	74.5	74.7	74.8	75.0	75.3
5	82.9	78.0	74.3	72.5	72.7	73.4	74.2	74.4	74.6	74.8	75.1
6	82.8	77.7	74.0	72.4	72.6	73.4	74.3	74.5	74.7	74.9	75.3
7	82.6	77.4	74.8	75.4	75.6	75.7	75.7	75.8	76.0	75.9	76.0
8	82.4	77.9	79.5	85.1	83.2	80.8	79.3	78.9	78.9	78.3	77.9
9	82.2	79.8	85.2	87.4	86.6	85.0	82.2	81.5	81.4	80.1	79.3
10	82.1	82.3	87.7	91.0	84.3	87.5	84.1	83.1	82.6	81.3	80.0
11	82.0	85.6	94.2	95.5	89.2	89.4	85.4	84.4	83.6	82.3	80.8
12	82.0	88.9	97.5	98.8	92.0	89.3	85.5	84.2	83.7	82.3	80.9
13	82.2	91.3	96.2	94.3	94.1	88.9	85.8	84.6	84.0	82.4	81.2
14	82.4	93.0	99.4	97.0	89.4	86.9	84.4	82.4	93.0	59.4	27.0
15	82.7	92.3	95.8	92.8	86.3	85.5	83.2	81.2	80.7	80.0	79.2
16	83.1	91.4	89.9	86.7	85.7	83.4	81.8	78.4	78.3	78.2	78.0
17	83.5	89.8	88.0	83.4	79.8	78.8	78.6	78.4	78.3	78.2	78.0
18	83.8	87.6	83.5	78.5	76.8	76.5	76.5	76.5	76.5	76.4	76.6
19	84.1	85.6	80.7	76.3	75.2	75.2	75.5	75.6	75.7	75.9	76.1
20	84.1	84.0	79.0	75.4	74.7	74.8	75.2	75.3	75.4	75.6	75.8
21	84.2	82.9	77.9	74.8	74.4	74.6	75.1	75.3	75.5	75.7	76.0
22	84.1	82.0	77.3	74.7	74.5	74.7	75.3	75.5	75.7	75.8	76.2
23	83.9	81.1	76.6	74.0	73.9	74.4	75.2	75.4	75.5	75.7	76.1
24	83.8	80.3	76.0	73.7	73.6	74.1	74.9	75.2	75.4	75.6	75.9
MEAN	83.1	83.5	82.8	81.3	79.4	79.1	78.4	78.1	78.0	77.7	77.5

APRIL

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	88.7	86.4	75.9	77.4	77.2	76.5	77.0	76.9	77.3	77.2	77.4
2	88.5	85.8	75.7	77.1	76.9	76.2	76.8	76.8	77.1	76.9	77.3
3	88.3	85.2	75.3	76.9	76.7	75.9	76.7	76.5	77.0	76.5	77.1
4	87.7	84.3	74.9	76.8	76.1	75.4	76.5	76.1	76.7	76.2	76.9
5	87.4	83.7	74.9	76.7	76.0	75.2	76.4	76.1	76.7	76.3	76.8
6	87.3	83.3	75.0	77.3	76.1	75.4	76.6	76.3	76.9	76.5	77.0
7	86.9	82.9	76.6	79.3	76.8	76.2	77.2	76.7	76.9	77.0	77.1
8	86.6	82.5	82.6	87.5	80.4	80.1	79.6	79.1	77.6	79.7	77.7
9	86.3	82.7	87.3	86.8	83.9	83.6	80.7	81.0	78.3	82.3	78.2
10	86.3	83.5	88.0	87.5	88.2	87.4	82.9	83.0	79.6	84.5	79.2
11	86.2	85.0	94.6	94.1	91.9	91.3	84.1	85.1	80.0	86.7	79.6
12	86.1	86.9	93.7	90.8	93.3	92.6	84.3	85.9	80.4	88.0	79.8
13	86.1	88.9	94.3	96.5	87.4	91.0	83.2	84.7	79.7	86.3	79.3
14	86.4	85.8	94.1	95.9	86.7	90.6	82.8	84.7	80.1	86.4	79.7
15	87.0	83.2	92.2	89.0	85.7	89.6	82.7	84.0	80.0	85.3	79.8
16	87.2	83.3	94.4	92.5	89.3	88.2	82.5	82.9	79.8	84.3	79.6
17	87.8	84.3	90.0	90.9	87.0	86.0	81.6	81.8	79.6	82.9	79.5
18	88.1	88.6	84.5	85.7	83.9	82.8	79.9	80.2	78.9	80.8	78.9
19	88.8	92.3	79.5	78.0	80.7	79.7	78.6	79.0	78.6	79.3	78.7
20	89.2	91.2	78.1	80.5	79.3	78.4	78.1	78.4	78.3	78.5	78.3
21	89.2	90.0	77.2	79.0	78.6	77.7	77.8	77.6	78.1	78.0	78.2
22	89.4	89.0	76.9	78.8	78.1	77.3	77.6	77.7	77.9	77.8	78.0
23	89.3	88.2	76.9	79.1	78.0	77.3	77.7	77.7	78.0	77.8	78.1
24	88.9	86.9	76.4	78.3	77.5	76.7	77.4	77.4	77.7	77.5	77.8
MEAN	87.7	86.1	82.8	83.8	82.0	81.8	79.6	79.9	78.4	80.5	78.4

MAY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	85.9	81.0	77.5	76.0	76.6	76.4	77.0	77.2	77.7	77.6	70.2
2	85.7	80.6	77.3	75.9	76.6	76.6	77.4	77.3	77.7	77.6	70.0
3	85.6	80.3	77.0	75.8	76.3	76.4	76.9	76.9	77.3	77.4	70.0
4	85.4	79.9	76.8	75.5	76.0	75.9	76.6	76.8	77.2	77.2	69.8
5	85.2	79.5	76.7	75.4	76.0	76.0	76.6	76.8	77.3	77.1	69.9
6	85.0	79.3	76.8	75.7	76.0	76.1	76.8	76.9	77.3	77.2	68.6
7	84.9	79.7	78.3	78.5	78.8	78.7	78.7	78.5	78.4	78.8	69.4
8	84.7	80.8	81.7	83.1	82.2	81.7	80.7	80.3	79.6	80.5	71.3
9	84.8	82.7	85.8	85.1	84.2	84.6	82.5	81.9	80.9	82.2	72.1
10	84.7	80.8	89.6	89.6	83.2	86.5	84.2	83.1	81.7	83.3	72.7
11	84.4	83.1	85.0	94.7	84.3	86.9	84.3	83.8	82.2	83.8	77.1
12	84.5	85.1	88.6	100.5	88.0	87.0	84.4	84.0	82.3	83.9	76.9
13	84.5	86.9	90.1	100.7	89.1	86.6	84.0	83.8	82.2	83.7	78.4
14	84.6	82.0	92.3	101.3	87.8	86.1	83.4	83.4	81.8	83.4	78.1
15	85.0	86.9	98.8	104.0	86.4	85.0	82.7	82.3	81.1	82.6	77.7
16	85.4	88.5	92.5	109.0	84.6	83.8	81.9	81.7	80.7	81.9	76.1
17	85.5	88.6	83.5	85.3	82.3	81.7	80.6	80.3	79.9	80.7	75.5
18	85.9	87.1	85.6	82.8	80.3	79.8	79.2	79.5	79.2	79.6	75.1
19	86.0	85.2	82.0	79.3	78.6	78.2	78.1	78.5	78.6	78.8	73.1
20	86.2	83.9	80.6	78.1	77.9	77.8	77.8	78.2	78.3	78.3	73.2
21	86.3	83.2	79.6	77.4	77.6	77.4	77.8	78.0	78.3	78.3	73.0
22	86.3	82.6	78.8	77.2	77.4	77.3	77.8	77.9	78.3	78.2	71.8
23	86.2	82.0	78.4	76.8	77.2	77.3	77.5	77.9	78.2	78.1	71.8
24	86.0	81.5	77.8	76.4	77.1	77.1	77.7	77.7	78.1	78.1	71.6
MEAN	85.4	83.1	82.9	84.7	80.7	80.5	79.8	79.7	79.4	80.0	73.0

JUNE

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	87.8	83.8	79.8	77.8	77.7	77.8	78.0	78.4	78.5	78.6	44.8
2	87.6	83.3	79.2	77.4	77.4	77.5	77.7	78.0	78.1	78.3	44.6
3	87.5	82.9	78.9	77.3	77.3	77.2	77.7	78.0	78.3	78.4	44.6
4	87.5	82.4	78.6	77.0	76.9	77.1	77.4	77.7	77.9	78.1	41.9
5	87.4	82.0	78.3	76.7	76.7	76.9	77.3	77.5	77.7	78.0	41.9
6	87.1	81.6	78.2	77.1	77.1	77.3	77.7	77.9	77.9	78.1	41.8
7	87.0	82.0	80.4	80.5	80.6	80.9	80.7	80.4	80.4	80.2	40.1
8	87.0	82.6	83.4	84.4	84.2	85.4	82.4	82.3	82.0	81.5	43.5
9	86.4	84.1	85.9	82.7	86.9	85.2	83.4	82.8	82.4	82.0	43.7
10	86.5	85.9	88.6	89.3	90.0	86.9	85.0	84.4	84.0	83.2	44.1
11	86.3	87.2	85.5	88.8	90.2	87.1	85.4	85.1	84.7	83.9	52.8
12	86.4	90.1	88.5	92.5	98.6	88.4	86.7	86.1	85.7	84.7	58.9
13	86.8	91.6	95.9	99.9	92.9	88.8	87.7	86.8	86.1	85.2	59.2
14	86.9	92.1	93.0	98.6	88.9	87.2	85.9	85.3	84.8	84.1	52.8
15	87.3	92.1	93.4	95.5	87.5	86.5	85.6	85.0	84.6	83.9	55.6
16	87.7	92.6	87.6	88.5	86.5	85.4	84.9	84.6	84.4	83.8	55.6
17	88.0	91.7	89.9	85.7	84.2	83.4	83.2	83.2	83.1	82.8	55.1
18	82.8	90.2	86.9	85.1	82.2	81.8	81.8	81.8	81.7	81.7	46.3
19	88.3	88.4	84.4	81.5	80.3	80.0	80.1	80.3	80.3	80.3	45.6
20	88.3	87.6	82.7	80.3	79.6	79.6	79.7	79.7	79.9	80.0	45.4
21	88.4	86.8	82.0	79.8	79.5	79.3	79.3	79.5	79.7	79.8	45.2
22	88.5	85.7	81.2	79.1	78.8	78.7	78.9	79.1	79.3	79.4	42.4
23	88.0	84.7	80.4	78.6	78.5	78.3	78.5	78.8	78.9	79.1	39.7
24	88.1	84.4	80.0	78.0	77.9	78.0	78.4	78.6	78.6	78.8	39.6
MEAN	87.2	86.8	84.3	83.8	82.9	82.2	81.7	81.5	81.4	81.2	46.9

JULY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	86.0	82.0	78.7	77.7	78.0	78.6	79.3	79.3	49.5	79.5	74.9
2	85.7	81.8	78.5	77.7	78.0	78.6	79.3	79.5	49.4	80.0	75.1
3	85.7	81.6	78.3	77.4	77.6	78.4	79.1	79.3	49.3	79.6	74.8
4	85.5	81.1	78.1	77.4	77.9	78.5	79.1	79.4	49.6	79.7	74.9
5	85.3	80.7	77.8	76.8	77.4	78.1	78.7	78.8	49.1	79.3	74.8
6	85.4	81.0	78.0	77.2	77.6	78.2	79.0	79.1	49.3	79.6	74.9
7	85.4	80.7	80.0	80.0	80.0	80.5	80.6	80.7	50.2	80.5	75.7
8	85.0	81.6	83.0	84.0	83.1	82.8	82.3	82.4	51.1	81.7	76.3
9	84.9	83.1	85.8	88.6	85.3	84.4	83.5	83.5	51.8	82.4	76.8
10	84.6	84.7	87.8	94.7	86.7	85.5	84.3	83.9	52.3	83.1	77.1
11	84.8	86.8	89.6	100.2	88.4	86.5	85.4	85.2	52.8	84.2	77.7
12	84.9	88.7	90.2	109.6	89.1	86.7	85.7	85.4	51.0	84.1	80.8
13	85.1	89.5	90.1	100.5	86.5	86.8	86.4	85.5	51.3	84.5	81.1
14	85.2	89.2	89.6	96.5	85.7	86.0	85.7	85.2	51.3	84.0	80.9
15	85.5	89.9	88.9	92.7	84.9	85.3	85.4	84.9	51.0	83.9	80.5
16	85.7	89.4	87.3	91.4	83.1	83.5	84.0	83.7	50.3	83.0	80.0
17	86.3	88.8	85.5	87.9	81.9	82.2	82.7	82.6	49.5	82.2	79.6
18	86.5	87.6	83.1	82.8	80.1	80.4	80.9	81.0	48.6	81.3	78.9
19	86.2	85.6	81.4	80.0	79.2	79.5	77.4	80.4	48.2	80.6	78.4
20	86.3	84.7	80.4	79.1	78.7	79.3	80.0	80.2	48.1	80.6	78.3
21	86.3	83.9	80.0	78.9	78.8	79.4	79.9	80.1	48.0	80.4	78.3
22	86.1	83.2	79.7	78.5	78.5	79.3	79.8	80.0	48.2	80.4	78.3
23	86.1	82.6	79.5	78.3	78.7	79.3	79.7	80.0	48.0	80.2	78.1
24	86.1	82.6	79.2	78.2	78.4	79.1	79.5	79.8	48.0	79.9	77.7
MEAN	85.6	84.7	83.0	85.2	81.4	81.5	81.6	81.7	49.8	81.5	77.7

AUGUST

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	85.6	82.3	79.5	78.1	78.5	79.6	79.9	77.9	80.2	80.3	78.2
2	85.3	81.9	79.4	78.0	78.5	79.4	79.8	75.7	80.0	80.1	78.2
3	85.4	81.7	79.2	78.6	78.4	79.4	77.3	75.3	79.9	80.0	78.0
4	85.2	81.5	79.0	77.7	78.3	79.2	79.4	72.6	79.7	80.0	78.1
5	84.9	81.2	78.8	78.1	77.9	79.0	79.2	72.5	79.4	79.5	77.6
6	84.9	81.0	78.6	78.1	77.8	78.8	79.2	74.9	79.4	79.6	75.5
7	84.8	81.0	79.8	79.9	80.3	80.5	80.3	76.1	80.3	80.3	78.1
8	84.7	81.6	82.9	84.0	85.1	83.2	82.2	82.0	81.8	81.5	78.6
9	84.7	82.9	85.3	89.3	89.0	84.9	83.8	83.9	83.4	82.7	79.8
10	84.2	84.4	87.8	98.4	87.2	86.4	85.5	85.3	84.6	83.7	80.9
11	84.8	85.8	89.7	98.3	86.9	87.1	86.2	86.3	85.4	84.6	83.6
12	84.5	87.3	90.3	99.4	92.9	86.9	86.0	85.3	85.2	84.5	83.6
13	85.0	88.8	90.1	100.0	92.0	86.7	86.6	83.3	85.8	84.8	84.1
14	85.5	89.4	87.3	97.5	90.0	86.6	86.5	82.9	85.7	84.7	84.0
15	85.8	89.2	89.3	99.6	87.6	85.5	85.2	80.1	84.6	84.0	83.4
16	83.7	89.1	85.5	93.2	84.8	83.9	83.9	79.2	83.4	83.3	80.9
17	86.6	88.4	85.8	88.1	83.3	83.0	83.4	76.1	82.9	82.7	83.0
18	86.8	87.7	84.8	81.4	81.5	81.5	79.5	80.0	81.7	81.8	82.2
19	86.7	86.6	83.1	82.0	80.2	80.6	81.0	74.4	81.3	81.4	81.8
20	86.2	85.3	81.7	80.5	79.4	80.1	78.2	78.0	80.3	80.5	79.0
21	86.1	84.4	80.8	79.9	79.7	80.0	80.5	75.7	80.5	80.6	78.6
22	85.9	83.5	80.4	80.0	79.5	80.1	77.6	78.1	80.3	80.4	78.5
23	85.9	83.3	80.3	79.1	78.9	79.8	80.0	75.1	80.0	80.2	78.3
24	85.4	82.6	79.7	78.8	78.5	79.7	80.6	80.5	80.1	80.3	78.3
MEAN	85.4	84.6	83.3	85.7	82.7	82.1	81.7	78.7	81.9	81.7	80.1

SEPTEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	85.2	82.1	79.6	77.8	77.3	77.5	78.1	78.2	78.4	78.7	79.0
2	85.3	81.9	79.5	77.6	77.2	77.4	77.9	78.1	78.3	78.6	78.9
3	85.1	81.6	78.9	77.0	76.5	76.8	77.3	77.4	77.5	77.8	78.2
4	85.0	81.4	78.8	76.9	76.5	77.0	77.5	77.7	77.9	78.2	78.5
5	85.0	81.2	78.7	76.8	76.5	76.8	77.4	77.5	77.8	78.1	78.5
6	84.9	81.0	78.7	76.8	76.6	76.9	77.6	77.7	77.9	78.2	78.5
7	84.8	81.0	79.7	79.0	78.8	79.5	79.5	79.6	79.6	79.6	79.7
8	84.7	81.5	82.3	83.7	83.7	83.3	82.1	81.9	81.7	81.3	81.0
9	84.6	82.7	84.8	82.5	87.1	84.7	83.3	83.0	82.7	82.1	81.7
10	84.6	83.9	86.2	85.6	89.9	86.1	84.4	83.9	83.6	83.0	82.4
11	84.4	84.6	86.9	90.3	88.2	86.4	84.7	84.3	84.2	83.4	82.6
12	84.4	85.9	88.0	91.2	91.5	86.8	85.3	84.9	84.7	83.8	83.2
13	84.1	86.4	88.1	94.3	90.6	86.6	85.3	84.8	84.6	83.8	83.1
14	84.7	87.3	87.7	97.9	89.5	86.3	85.1	84.5	84.4	83.6	83.1
15	84.8	87.3	87.1	93.0	87.5	85.2	84.0	83.6	83.5	82.9	82.5
16	85.0	86.9	85.7	89.2	84.1	82.9	82.4	82.2	82.2	81.8	81.6
17	85.2	86.2	84.0	83.0	81.1	80.5	80.4	80.4	80.4	80.4	80.4
18	85.5	85.4	82.5	80.5	79.0	78.8	78.9	79.0	79.1	79.2	79.5
19	85.6	84.8	81.6	79.4	78.3	78.3	78.7	78.8	78.9	79.2	79.4
20	85.7	84.3	81.1	78.9	78.0	78.2	78.6	78.7	78.8	79.0	79.3
21	85.7	83.7	80.6	78.4	77.7	77.9	78.4	78.6	78.7	79.0	79.3
22	85.7	83.3	80.3	78.3	77.7	78.1	78.7	78.8	78.9	79.1	79.5
23	85.6	82.9	80.1	78.1	77.6	77.9	78.4	78.5	78.7	78.9	79.2
24	85.6	82.6	79.9	77.9	77.5	77.7	78.2	78.4	79.5	79.2	79.2
MEAN	85.1	83.7	82.5	82.7	81.6	80.7	80.5	80.4	80.4	80.3	80.3

OCTOBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	82.9	81.0	79.2	77.4	77.0	77.2	77.8	78.0	78.2	78.4	78.6
2	83.1	81.5	79.8	78.1	77.6	77.7	78.2	78.3	78.5	78.7	78.9
3	82.6	80.7	79.0	77.2	76.7	76.3	77.2	77.4	77.7	77.9	78.2
4	82.9	80.8	79.1	77.5	76.9	76.5	77.4	77.6	77.8	78.0	78.3
5	83.0	80.7	78.9	77.2	76.6	76.6	77.3	77.5	77.6	77.9	78.2
6	81.7	80.2	78.6	76.7	76.1	76.2	76.6	76.8	77.1	77.4	77.6
7	81.5	80.0	78.8	77.8	77.7	77.8	78.0	78.0	78.1	78.3	78.2
8	81.6	80.1	80.0	81.9	82.3	81.6	80.9	80.6	80.4	80.2	79.9
9	82.2	81.1	81.8	79.9	87.0	85.1	83.6	83.1	82.7	82.4	81.8
10	82.7	82.2	83.9	85.3	89.3	87.8	85.9	85.0	84.6	84.1	83.1
11	82.1	83.1	83.6	89.9	85.8	85.8	86.0	83.2	85.0	84.4	83.4
12	83.0	84.1	87.3	96.7	92.6	88.6	87.1	86.2	85.9	85.1	84.1
13	83.6	85.3	87.9	99.5	91.3	88.1	86.9	86.2	85.9	85.0	84.1
14	83.9	85.7	87.5	92.5	87.5	87.4	86.4	85.7	85.4	84.8	84.2
15	84.0	85.6	86.4	88.9	86.6	85.5	84.8	83.9	84.1	83.3	83.3
16	83.3	85.0	85.2	86.1	84.5	83.8	83.5	83.1	82.9	82.3	82.3
17	83.0	84.5	84.1	83.2	81.4	81.0	81.0	80.9	80.9	80.9	80.8
18	83.0	84.1	83.0	81.2	79.7	79.5	79.7	79.6	79.7	79.8	79.9
19	83.0	83.6	82.3	80.1	78.9	78.8	79.1	79.0	79.2	79.3	79.5
20	83.2	82.9	81.1	79.0	78.2	78.2	78.7	78.8	79.0	78.8	79.5
21	83.9	82.8	80.9	79.0	78.4	78.7	79.1	79.3	79.5	79.6	79.8
22	83.5	82.7	81.0	79.1	78.6	78.7	79.1	79.1	79.3	79.5	79.7
23	83.5	82.4	80.7	78.8	78.4	78.5	79.0	79.0	79.2	79.4	79.6
24	82.8	81.7	80.1	78.2	77.7	77.9	78.0	78.3	78.6	78.7	79.0
MEAN	82.9	82.6	82.1	82.5	81.6	81.0	80.9	80.6	80.7	80.6	80.5

NOVEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	83.7	81.2	79.5	77.0	76.5	77.0	77.5	77.8	78.0	78.3	78.6
2	83.5	80.9	79.2	76.9	76.4	76.9	77.4	77.6	77.8	78.1	78.5
3	83.7	81.2	79.5	77.5	76.9	77.3	77.9	78.0	78.3	78.5	78.8
4	83.4	80.4	78.6	76.7	76.1	76.5	77.1	77.3	77.5	77.8	78.1
5	83.5	80.5	78.9	75.0	76.0	76.9	77.6	77.8	78.0	78.4	78.6
6	83.3	80.3	78.7	75.0	74.6	77.0	77.7	77.8	78.0	78.2	78.5
7	83.1	79.9	78.6	76.4	76.3	79.0	79.2	79.2	79.3	79.3	79.3
8	83.1	80.4	80.5	82.0	81.5	83.3	82.3	82.1	81.7	81.4	81.1
9	83.3	81.2	83.0	87.7	85.7	86.2	84.0	83.8	83.2	82.5	81.9
10	83.0	82.3	85.8	95.5	85.6	88.4	85.8	85.1	84.4	83.3	82.4
11	83.2	83.9	88.6	98.8	91.2	88.7	87.0	86.0	85.2	84.1	82.9
12	82.9	85.1	91.6	96.9	88.7	89.3	86.7	85.9	85.0	84.0	82.9
13	83.3	86.4	82.4	90.7	91.7	88.4	86.3	85.3	84.7	83.6	82.7
14	83.0	86.7	87.6	92.1	87.1	86.7	84.8	84.2	83.6	82.7	82.0
15	83.6	86.7	88.0	86.5	85.0	85.5	84.2	83.6	83.1	82.4	81.9
16	83.6	86.1	86.2	86.3	83.2	82.5	82.0	81.6	81.3	81.4	81.0
17	83.5	85.0	84.5	82.3	80.1	79.9	79.8	79.8	80.0	79.9	80.0
18	83.6	84.4	83.3	80.0	78.4	78.3	78.6	78.8	79.0	79.1	79.3
19	83.5	83.3	81.9	78.6	77.7	77.7	78.1	78.2	78.4	78.7	78.9
20	83.6	82.7	81.1	78.0	77.4	77.5	77.8	78.1	78.3	78.5	78.7
21	83.6	82.2	80.5	77.6	77.0	77.4	77.9	78.1	78.4	78.6	78.9
22	83.5	81.9	80.2	77.4	77.0	77.3	77.9	78.1	78.4	78.6	78.9
23	83.8	81.7	80.1	77.5	77.1	77.5	78.0	82.3	82.3	82.4	82.4
24	83.6	81.4	79.7	77.2	76.8	77.3	77.7	78.0	78.2	78.5	78.6
MEAN	83.4	82.8	82.4	82.5	80.6	80.9	80.5	80.4	80.3	80.2	80.1

DECEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	76.8	73.6	72.5	70.8	71.2	71.9	72.9	73.2	73.4	73.9	74.3
2	76.7	73.5	72.3	71.1	71.0	71.7	72.6	72.8	73.1	73.6	74.1
3	76.6	73.3	72.0	70.9	70.8	71.7	72.7	73.1	73.4	73.8	74.2
4	76.8	73.5	72.1	70.8	70.7	71.6	72.7	73.1	73.4	73.9	74.2
5	76.5	73.0	71.7	70.4	70.4	71.4	72.5	72.8	73.1	73.6	74.0
6	76.5	72.9	71.5	70.1	70.4	71.3	72.4	72.7	73.0	73.5	73.9
7	76.4	72.8	71.5	70.4	70.5	71.2	72.3	72.7	73.0	73.6	74.0
8	76.3	72.8	72.3	72.6	73.5	74.6	74.9	75.1	75.0	74.9	74.9
9	76.2	73.3	73.6	76.2	77.6	78.2	77.3	77.1	76.8	76.3	76.1
10	76.2	74.3	75.5	79.2	81.4	79.4	77.9	77.5	77.2	76.4	76.3
11	76.0	75.2	77.3	80.9	82.6	80.9	79.0	78.5	78.1	77.0	76.6
12	76.1	76.6	79.5	85.5	84.0	81.9	79.7	79.3	78.7	77.7	77.2
13	76.1	77.5	80.2	83.9	83.8	80.6	79.0	78.4	78.0	77.2	76.6
14	76.2	78.0	79.6	81.5	83.3	80.2	78.8	78.2	77.9	76.9	76.4
15	76.4	78.1	78.6	78.8	80.2	78.2	77.5	77.2	76.9	76.2	76.1
16	76.6	77.7	77.3	76.9	76.8	76.3	76.3	76.1	76.0	75.7	75.7
17	76.8	77.1	76.2	74.7	74.2	74.0	74.6	74.7	74.8	75.0	75.2
18	76.9	76.5	75.2	73.2	72.7	72.8	73.5	73.8	74.1	74.4	74.8
19	77.1	75.9	74.5	72.4	72.1	72.6	73.3	73.7	74.0	74.4	74.8
20	77.1	75.3	73.9	72.1	71.8	72.4	73.3	73.6	73.9	74.3	74.7
21	77.1	74.9	73.6	71.8	71.8	72.5	73.3	73.6	73.9	74.3	74.7
22	77.0	74.6	73.3	71.5	71.7	72.4	73.3	73.6	73.8	74.3	74.7
23	77.0	74.3	72.9	71.4	71.5	72.3	73.2	73.5	73.8	74.2	74.5
24	76.9	74.0	72.7	71.2	71.3	72.2	73.2	73.5	73.8	74.2	74.6
MEAN	76.6	74.9	74.6	74.5	74.5	74.7	74.8	74.9	75.0	75.0	75.1

TABLE 3. LOW-LEVEL TEMPERATURE STRATIFICATION (CONT.)

EL YUNQUE

JANUARY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	63.5	62.9	62.7	62.4	59.7	59.5	59.5	59.6	59.6	59.6	59.7
2	63.5	62.9	62.5	62.3	59.6	59.4	59.4	59.6	59.5	59.6	59.6
3	63.5	62.7	62.4	62.1	59.4	59.2	59.3	59.4	59.4	59.4	59.4
4	63.5	62.6	62.4	62.0	59.5	59.3	59.2	59.2	59.2	59.2	59.2
5	63.3	62.4	62.1	61.8	59.0	58.8	58.7	58.7	58.8	58.7	58.8
6	63.4	62.4	62.2	61.9	59.3	59.1	59.0	59.1	59.1	59.1	59.1
7	63.4	62.3	62.1	61.8	59.3	59.2	59.2	59.1	59.1	59.1	59.2
8	63.3	62.3	62.0	61.8	60.3	60.1	59.8	59.7	59.6	59.6	59.5
9	63.3	62.2	62.0	61.9	61.7	61.4	60.9	60.4	60.2	60.0	59.8
10	63.3	62.3	62.1	62.2	63.2	62.8	61.8	61.0	60.8	60.5	60.1
11	63.2	62.5	62.2	62.4	64.9	65.2	63.5	62.1	61.5	61.1	60.8
12	63.3	63.0	62.6	63.1	67.0	66.2	64.7	62.5	61.9	61.4	61.1
13	63.4	63.6	63.2	63.9	68.8	67.7	66.0	62.9	62.3	61.8	61.3
14	63.4	64.0	63.7	64.3	67.8	66.6	65.1	62.7	62.0	61.4	61.2
15	63.4	64.4	64.0	64.3	67.9	66.7	65.6	62.5	61.9	61.4	61.0
16	63.3	64.5	64.2	64.5	65.7	64.1	63.8	61.7	61.2	61.0	60.7
17	63.4	64.5	64.3	64.4	62.9	61.9	61.9	60.7	60.5	60.3	60.3
18	63.4	64.4	64.2	64.0	61.0	60.3	60.3	60.1	60.0	60.0	60.0
19	63.5	64.2	64.0	63.8	60.1	59.8	59.6	59.7	59.8	59.7	59.6
20	63.5	63.9	63.7	63.5	60.0	59.6	59.6	59.7	59.8	59.7	59.7
21	63.5	63.7	63.5	63.3	59.8	59.4	59.4	59.7	59.7	59.8	59.8
22	63.6	63.5	63.3	63.0	59.8	59.4	59.6	59.7	59.8	59.9	59.9
23	63.6	63.3	63.1	62.8	59.7	59.5	59.6	59.6	59.7	59.7	59.7
24	63.5	63.2	62.9	62.7	59.8	59.6	59.6	59.7	59.6	59.7	59.8
MEAN	63.4	63.2	63.0	62.9	61.9	61.5	61.1	60.4	60.2	60.1	60.0

FEBRUARY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	63.9	63.2	63.0	63.0	58.5	58.2	58.3	58.6	58.6	58.7	58.9
2	63.8	63.1	62.8	62.8	58.3	58.0	58.1	58.5	58.6	58.6	58.7
3	63.8	62.9	62.6	62.6	58.2	57.8	57.9	58.3	58.3	58.5	58.6
4	63.8	62.7	62.5	62.5	58.1	57.9	58.2	58.3	58.3	58.4	58.5
5	63.7	62.6	62.	62.3	58.1	58.0	58.1	58.2	58.3	58.3	58.4
6	63.7	62.4	62.3	62.2	58.2	58.0	58.1	58.2	58.3	58.3	58.4
7	63.7	62.4	62.2	62.1	58.2	58.0	58.1	58.3	58.3	58.4	58.5
8	63.6	62.3	62.1	62.1	60.0	59.8	59.6	59.7	59.6	59.5	59.4
9	63.6	62.3	62.1	62.0	61.4	61.2	60.8	60.3	60.2	59.9	59.6
10	63.5	62.4	62.1	62.1	63.8	64.1	62.7	61.7	61.1	60.5	60.1
11	63.5	62.7	62.4	62.3	65.6	66.4	64.2	62.3	61.7	61.0	60.6
12	63.5	63.2	62.9	62.7	69.0	68.4	65.8	63.0	62.2	61.6	61.0
13	63.5	63.7	63.4	63.0	69.8	68.9	66.4	63.5	62.7	62.0	61.4
14	63.5	64.2	63.9	63.5	69.6	68.6	66.0	63.2	62.5	61.9	61.3
15	63.5	64.7	64.3	64.1	69.5	67.7	65.8	63.0	62.0	61.4	61.0
16	63.6	64.8	64.6	64.4	66.4	64.9	64.4	61.7	61.1	60.8	60.3
17	63.6	64.8	64.5	64.3	63.8	62.5	62.2	60.6	60.3	60.1	60.0
18	63.7	64.7	64.5	64.5	61.2	60.5	60.3	60.0	59.9	59.9	59.9
19	63.6	64.3	64.3	64.2	60.1	59.7	59.5	59.5	59.5	59.5	59.6
20	63.7	64.2	64.1	64.0	59.8	59.4	59.4	59.4	59.4	59.4	59.4
21	63.8	64.0	63.9	63.9	59.4	59.1	59.0	59.1	59.1	59.1	59.1
22	63.8	63.7	63.7	63.6	58.9	58.6	58.7	58.8	58.9	59.0	59.0
23	63.8	63.5	63.5	63.5	58.9	58.6	58.7	58.9	58.9	59.0	59.1
24	63.9	63.4	63.3	63.3	58.8	58.5	58.6	58.8	58.9	58.9	59.1
MEAN	63.7	63.6	63.4	63.4	62.6	61.4	60.8	60.1	59.9	59.7	59.6

MARCH

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	65.7	65.4	65.5	64.9	60.3	59.9	60.0	60.1	60.2	60.3	60.4
2	65.7	65.2	65.3	64.6	60.1	59.7	59.7	59.8	60.0	60.1	60.2
3	65.6	65.1	65.1	64.3	60.1	59.8	59.8	60.5	59.9	60.0	60.2
4	65.6	65.0	65.0	64.2	60.0	59.6	59.6	59.6	59.7	59.8	59.9
5	65.6	64.9	64.9	64.1	60.1	59.9	59.8	59.8	59.9	60.0	60.1
6	65.5	64.7	64.8	63.9	59.8	59.5	59.5	59.5	59.6	59.7	59.9
7	65.5	64.6	64.6	63.7	60.1	59.8	59.7	59.9	60.0	59.9	60.0
8	65.4	64.5	64.5	63.6	61.9	61.5	61.5	61.2	61.1	60.8	60.6
9	65.3	64.5	64.4	63.5	64.0	63.3	63.0	62.0	61.7	61.5	61.0
10	65.3	64.6	64.5	64.1	66.8	65.6	64.4	63.2	62.7	62.3	61.8
11	65.2	64.8	64.6	64.6	69.5	68.0	65.7	64.1	63.4	63.0	62.4
12	65.0	65.0	64.7	65.3	71.6	69.8	67.1	64.6	63.8	63.3	62.7
13	65.0	65.4	65.2	66.1	73.5	70.3	67.3	64.7	63.8	63.5	62.7
14	65.0	65.7	65.5	67.0	74.7	71.1	68.4	65.3	64.0	63.7	63.0
15	65.0	66.0	65.8	67.8	73.0	69.6	68.0	64.9	63.9	63.6	62.7
16	65.1	66.2	66.1	68.1	69.9	67.4	66.2	63.9	62.9	62.7	62.2
17	65.2	66.3	66.3	68.1	66.1	64.7	63.7	62.5	61.9	61.8	61.5
18	65.3	66.3	66.4	67.7	63.1	61.9	61.8	61.4	61.0	61.0	60.9
19	65.4	66.2	66.4	67.1	61.3	60.6	60.4	60.5	60.6	60.7	60.7
20	66.0	66.1	66.3	66.5	61.0	60.5	60.4	60.5	60.6	60.6	60.7
21	65.8	66.2	66.3	66.2	61.3	60.9	60.8	60.9	61.0	61.1	61.1
22	65.7	65.9	66.0	65.8	60.9	60.5	60.5	60.6	60.7	60.7	60.8
23	65.7	65.7	65.9	65.3	60.8	60.5	60.5	60.5	60.6	60.7	60.7
24	65.8	65.6	65.7	65.1	60.8	60.3	60.3	60.4	60.4	60.5	60.6
MEAN	65.4	65.4	65.4	65.5	64.2	63.1	62.4	61.7	61.4	61.3	61.1

APRIL

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	66.2	66.2	65.5	64.8	63.0	63.5	62.8	62.8	62.7	62.7	54.2
2	66.1	65.9	65.2	64.4	63.1	63.4	62.8	62.6	62.6	62.6	53.8
3	66.0	65.7	65.0	64.4	63.1	63.3	62.7	62.5	62.5	62.6	53.8
4	65.9	65.6	64.9	64.0	62.8	63.1	62.5	62.5	62.4	62.5	53.5
5	64.6	65.6	64.9	64.0	62.9	63.2	62.6	62.4	62.5	62.5	53.8
6	65.8	65.4	64.8	63.9	62.9	63.3	62.7	62.5	62.4	62.5	53.5
7	65.9	65.4	64.9	64.5	63.7	63.9	63.2	62.9	62.8	62.7	53.9
8	65.7	65.2	65.2	65.7	64.6	64.4	63.9	63.3	63.2	63.0	54.0
9	64.2	63.8	64.1	67.4	66.3	66.0	65.0	64.4	64.1	64.1	53.3
10	65.9	65.5	66.5	69.3	67.7	66.9	66.0	65.1	64.5	64.3	53.4
11	65.7	65.8	67.3	70.0	68.0	66.9	65.9	64.8	64.5	64.4	53.0
12	65.8	66.3	67.8	70.8	69.0	68.0	66.8	65.7	65.2	64.9	55.4
13	65.8	66.6	68.4	71.5	68.8	67.8	66.6	65.7	65.0	64.7	55.3
14	65.8	66.7	68.3	71.3	68.8	67.5	66.5	65.6	65.0	64.7	55.2
15	65.9	67.0	68.2	70.9	68.6	67.3	66.3	65.4	64.7	64.4	56.5
16	65.9	67.1	67.9	70.2	68.2	66.8	66.0	65.1	64.5	64.3	56.6
17	65.9	67.0	67.4	68.8	66.8	66.1	65.2	64.4	63.9	63.9	56.1
18	65.9	67.1	66.9	67.8	65.0	65.2	64.1	63.6	63.4	63.5	55.9
19	66.2	67.1	66.5	66.8	64.0	64.5	63.4	63.2	63.1	63.1	55.8
20	66.3	66.8	66.2	66.2	63.5	63.6	63.2	63.1	62.9	63.0	55.8
21	66.4	66.9	66.1	66.0	63.6	63.7	63.3	63.1	63.0	63.1	55.9
22	36.5	66.8	66.0	65.7	63.8	63.7	63.4	63.2	63.1	63.1	55.9
23	66.5	66.7	65.9	65.4	63.5	63.7	63.1	63.0	63.0	63.1	55.9
24	66.4	66.3	65.7	65.2	63.3	63.6	62.9	62.9	62.9	62.9	55.4
MEAN	65.9	66.2	66.3	67.0	65.2	65.0	64.2	63.7	63.5	63.5	54.9

MAY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	67.0	66.6	65.9	64.2	63.1	63.1	63.1	63.2	63.3	63.3	62.2
2	67.1	66.5	65.8	64.2	63.1	63.0	63.0	63.2	63.2	63.2	62.2
3	67.0	66.3	65.5	64.0	62.9	62.8	62.9	63.1	63.1	63.1	62.0
4	67.0	66.2	65.7	63.8	62.9	62.5	62.8	62.9	63.0	63.0	62.0
5	67.1	66.1	65.6	64.0	63.0	62.8	62.9	63.0	63.0	63.0	62.0
6	67.1	66.1	65.6	64.0	63.1	63.0	63.0	63.1	63.1	63.1	62.1
7	67.0	64.6	65.6	64.5	63.6	63.4	63.4	63.3	63.3	63.2	62.1
8	67.0	65.8	65.9	66.2	64.7	64.4	64.3	63.7	63.7	63.4	62.3
9	66.9	65.9	66.5	67.9	66.0	65.4	65.3	64.5	64.1	64.0	62.7
10	66.7	66.1	67.2	69.9	68.0	66.7	66.1	65.3	64.7	64.5	63.2
11	66.9	66.7	68.2	71.8	69.4	67.8	67.0	65.8	65.4	65.1	61.2
12	66.6	67.1	68.7	72.6	70.1	67.9	67.3	66.0	65.3	65.2	63.5
13	66.3	67.6	69.3	72.9	70.5	68.0	67.3	66.1	65.4	65.2	63.4
14	66.5	68.3	69.5	72.8	70.1	67.8	67.0	66.0	65.2	65.0	64.6
15	66.7	68.6	69.0	71.8	69.0	67.1	66.5	65.5	64.7	64.7	63.1
16	66.6	68.6	68.4	69.8	67.7	66.1	65.7	64.9	64.3	64.1	62.8
17	66.7	68.5	68.0	68.3	66.3	65.0	64.7	64.3	63.9	63.9	62.7
18	66.8	68.5	67.6	67.0	65.0	64.1	64.1	63.9	63.7	63.7	62.4
19	66.9	68.1	66.9	65.5	63.7	63.3	63.3	63.4	63.5	63.5	62.4
20	67.0	68.0	66.7	65.1	63.7	63.5	63.5	63.5	63.6	63.5	62.5
21	66.9	67.4	66.3	64.7	63.5	63.4	63.4	63.5	63.6	63.5	62.5
22	65.9	67.2	66.2	64.7	63.6	63.5	63.5	63.5	63.5	63.6	62.5
23	67.1	67.0	66.2	64.6	63.5	63.4	63.4	63.4	63.5	63.5	62.4
24	67.1	66.7	65.8	64.3	63.2	63.1	63.1	63.0	63.3	63.3	62.2
MEAN	66.8	67.0	66.9	67.0	65.4	64.6	64.5	64.1	63.9	63.8	62.5

JUNE

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	67.4	66.8	66.4	64.3	63.8	63.7	63.7	63.7	63.8	63.8	62.7
2	67.3	66.5	66.3	64.1	63.8	63.7	63.6	63.7	63.7	63.7	62.6
3	67.3	66.3	66.2	64.0	63.7	63.6	63.6	63.6	63.7	63.7	62.6
4	67.3	66.2	66.2	63.9	63.6	63.5	63.5	63.5	63.6	63.6	62.5
5	67.4	66.1	66.2	64.0	63.8	63.7	63.7	63.7	63.7	63.8	62.5
6	67.2	65.9	66.1	63.9	63.7	63.6	63.5	63.6	63.7	63.6	62.5
7	67.2	65.8	66.1	64.6	64.2	64.0	63.9	63.9	63.9	63.9	62.7
8	67.1	65.9	66.4	66.1	65.1	64.5	64.4	64.2	64.1	64.1	62.8
9	67.1	66.0	66.8	67.9	66.2	65.2	64.9	64.6	64.4	64.4	63.0
10	67.0	66.4	67.3	70.3	67.3	66.0	65.5	65.1	64.9	64.7	63.3
11	66.9	67.0	68.0	72.2	68.8	67.0	66.4	65.6	65.3	65.2	61.0
12	67.1	67.9	68.7	74.1	69.7	67.7	66.9	66.2	65.7	65.5	61.5
13	67.0	68.5	68.9	75.1	70.5	68.2	67.5	66.5	65.8	65.7	64.0
14	67.0	69.2	69.0	74.3	70.5	68.0	67.5	66.6	65.9	65.7	64.0
15	66.9	69.5	69.0	74.5	69.9	67.6	66.8	66.2	65.5	65.3	62.5
16	66.8	69.7	68.7	72.6	68.6	66.6	66.1	65.6	65.0	65.0	62.2
17	65.6	69.7	68.3	69.8	67.1	65.6	65.2	65.0	64.7	64.6	63.3
18	67.1	69.3	67.8	67.4	65.6	64.7	64.6	64.5	64.4	64.3	63.0
19	67.1	68.9	67.3	65.6	64.5	64.2	64.1	64.1	64.2	64.1	62.9
20	67.2	68.5	67.1	64.9	64.3	64.1	64.1	64.0	64.2	64.2	63.0
21	67.2	67.9	66.8	64.8	64.3	64.1	64.1	64.1	64.1	64.2	63.1
22	67.3	67.6	66.6	64.6	64.2	64.1	64.1	64.1	64.2	64.1	63.0
23	67.3	67.3	66.6	64.5	64.1	64.0	64.0	64.0	64.1	64.1	62.9
24	67.3	67.0	66.4	64.3	63.9	63.8	63.8	63.9	63.9	63.9	62.8
MEAN	67.1	67.5	67.2	67.6	65.9	65.0	64.8	64.6	64.4	64.4	62.8

JULY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	69.9	69.2	68.9	66.8	66.3	58.6	66.1	66.1	66.1	66.1	64.9
2	69.8	69.0	68.7	66.7	66.2	57.1	66.0	66.0	66.0	66.0	64.8
3	69.8	68.9	68.6	66.7	66.1	57.4	65.9	65.8	65.9	65.9	64.7
4	69.8	68.7	68.5	66.5	66.1	58.5	65.8	65.9	65.9	65.9	64.7
5	69.9	68.6	68.6	66.5	66.0	57.3	65.7	65.8	65.9	65.8	64.7
6	69.8	68.5	68.6	66.6	66.0	59.5	65.7	65.7	65.8	65.7	63.4
7	69.7	68.3	68.5	67.2	66.5	58.5	66.0	65.9	65.9	65.9	62.3
8	69.6	68.4	68.9	68.5	67.6	60.5	66.6	66.4	66.3	66.2	63.8
9	69.6	68.6	69.2	70.3	68.9	58.8	67.1	66.9	66.7	66.6	64.0
10	69.5	69.0	69.7	73.4	70.2	63.5	68.1	67.6	67.3	67.2	64.4
11	69.3	69.4	70.6	74.6	71.1	59.6	68.4	66.6	67.5	67.3	63.2
12	69.2	69.8	71.2	75.9	71.9	56.9	69.0	68.2	67.6	67.4	64.4
13	69.1	70.7	71.6	74.6	72.1	58.0	69.3	68.3	67.7	67.5	65.8
14	69.2	71.4	71.6	75.5	72.4	61.5	69.5	68.6	67.9	67.8	66.1
15	69.2	71.7	71.4	76.0	71.8	59.9	68.9	68.5	67.7	67.6	66.0
16	69.3	71.7	71.0	73.9	70.8	62.7	68.3	67.8	67.2	67.1	65.7
17	69.3	72.0	70.7	71.8	69.4	60.6	67.7	67.4	67.0	67.0	65.6
18	69.4	71.7	70.2	69.7	68.1	61.0	66.9	66.9	66.8	66.8	65.6
19	69.5	71.3	69.9	68.2	67.0	61.3	66.4	66.4	66.4	66.4	65.3
20	69.6	70.7	69.5	67.6	66.9	60.3	66.5	66.5	66.5	66.5	65.3
21	69.6	70.3	69.3	67.6	66.9	59.3	66.5	66.5	66.5	66.5	65.4
22	69.6	69.9	69.2	67.5	66.7	60.1	66.4	66.4	66.5	66.4	65.2
23	69.7	69.6	69.1	67.3	66.7	61.3	66.4	66.4	66.5	66.6	65.3
24	69.9	69.5	69.0	67.2	66.6	60.1	66.4	66.4	66.4	66.4	65.3
MEAN	69.6	69.9	69.7	69.8	68.2	59.7	67.1	66.8	66.7	66.6	64.8

AUGUST

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	68.0	66.8	66.3	65.2	64.7	64.5	64.5	64.5	64.5	64.5	64.6
2	68.1	66.7	66.1	64.9	65.0	64.3	64.3	64.3	64.2	64.3	64.3
3	68.2	66.6	66.1	64.8	64.3	64.1	64.1	64.1	64.1	64.1	64.1
4	68.2	66.4	65.8	64.9	64.5	64.2	64.2	64.2	64.3	64.3	64.3
5	68.2	66.4	65.8	64.8	64.1	64.0	64.0	63.9	63.9	64.0	51.9
6	67.8	66.1	65.5	64.3	64.0	63.7	63.7	63.8	63.7	63.7	63.7
7	68.3	66.3	65.7	65.0	64.7	64.3	64.1	64.1	63.9	64.0	64.0
8	68.1	66.2	65.8	65.8	65.8	65.1	64.7	64.5	64.4	64.3	64.3
9	67.6	66.3	66.3	66.8	66.6	65.9	65.0	64.8	64.6	64.6	64.5
10	67.8	66.6	67.1	69.0	68.4	67.3	65.8	65.4	65.0	64.9	64.8
11	68.0	67.0	68.1	71.3	70.6	68.9	66.7	66.2	65.5	65.6	65.3
12	68.3	67.2	68.6	73.1	72.4	70.8	67.2	56.6	56.0	55.7	65.4
13	67.9	67.8	69.1	73.4	72.6	70.5	67.6	66.8	56.4	66.4	64.1
14	67.4	68.0	69.7	73.5	72.6	70.1	67.6	66.6	66.1	65.9	65.6
15	68.3	68.8	69.4	71.4	71.1	69.2	67.1	66.6	66.3	66.3	65.9
16	68.1	68.9	69.4	70.3	69.4	68.1	66.6	66.0	65.7	65.5	65.4
17	68.2	68.5	68.9	68.4	67.8	66.9	66.1	65.9	65.7	65.7	65.7
18	68.3	68.2	68.5	66.8	66.2	65.3	65.1	65.0	65.1	65.3	65.2
19	68.0	68.0	67.8	66.2	65.6	65.1	65.0	65.0	65.1	65.4	65.2
20	68.0	67.5	67.3	65.4	65.1	64.8	64.8	64.8	65.0	65.1	65.0
21	68.2	67.3	67.0	65.5	65.1	64.7	64.7	64.8	64.9	65.1	65.1
22	67.9	67.2	66.7	65.3	65.0	64.8	64.7	64.8	65.0	65.1	65.1
23	68.0	67.0	66.5	65.1	65.0	64.7	64.7	64.7	64.6	64.7	64.8
24	67.5	66.8	66.4	65.1	64.9	64.7	64.7	64.8	65.1	65.1	65.1
MEAN	67.9	67.2	67.4	67.8	67.3	66.3	65.4	65.1	65.0	65.0	64.8

SEPTEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	67.3	66.5	66.8	64.9	63.7	63.0	63.2	63.3	63.3	63.4	63.5
2	67.5	66.4	66.8	64.5	63.4	63.1	63.1	63.1	62.8	62.9	62.9
3	67.1	66.3	66.8	64.4	63.2	62.7	62.9	62.8	62.7	62.8	62.9
4	68.0	66.3	66.6	64.4	63.3	62.8	62.7	62.7	62.7	62.8	62.9
5	67.6	65.9	66.2	64.1	62.9	62.4	62.5	62.7	62.6	62.7	62.9
6	67.8	66.1	66.4	64.3	63.2	62.8	62.5	62.9	62.9	62.9	63.0
7	67.9	66.2	66.4	65.3	64.3	63.8	63.9	63.6	63.6	63.6	63.5
8	67.3	65.8	66.3	66.5	66.5	65.8	65.5	64.7	64.5	64.3	64.0
9	67.6	66.3	66.6	69.0	69.1	67.5	66.3	65.6	65.5	65.1	64.9
10	68.0	66.7	67.0	70.7	71.8	70.6	68.8	66.8	66.5	65.8	65.5
11	67.1	66.9	67.3	73.2	72.3	70.6	68.9	66.7	66.1	65.9	65.3
12	68.0	68.0	68.5	74.8	73.2	70.8	69.1	66.9	66.2	65.9	65.6
13	67.6	67.9	68.5	74.4	73.0	70.3	68.6	66.5	65.9	65.5	65.3
14	67.2	67.9	68.5	73.9	72.8	69.9	68.1	66.1	65.5	65.2	65.0
15	67.5	68.4	68.9	70.8	69.7	67.6	66.6	65.2	64.7	64.2	64.1
16	67.8	68.4	69.0	69.5	68.4	66.8	66.1	64.7	64.2	64.1	64.0
17	67.3	68.2	68.7	67.3	66.0	64.6	64.2	63.6	63.5	63.6	63.6
18	67.3	67.6	68.1	66.1	64.3	63.4	63.4	63.4	63.3	63.4	63.5
19	67.2	67.4	67.9	65.5	64.0	63.2	63.1	63.3	63.2	63.4	63.3
20	67.1	67.2	67.6	65.1	63.6	63.1	63.2	63.5	63.6	63.7	63.8
21	67.2	67.1	67.7	65.2	63.8	63.3	63.2	63.5	63.4	63.5	63.6
22	67.3	67.0	67.4	65.1	63.6	63.2	63.2	63.4	63.4	63.6	63.7
23	67.0	66.6	67.1	64.9	63.7	63.0	63.1	63.3	63.1	63.3	63.4
24	67.3	66.5	66.9	64.9	63.7	63.3	63.2	63.3	63.3	63.3	63.5
MEAN	67.5	66.9	67.4	67.2	66.6	65.1	64.7	64.1	63.9	63.9	63.9

OCTOBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	67.8	67.2	66.8	65.2	64.4	64.4	64.4	64.3	64.0	64.1	64.0
2	67.7	67.0	66.6	65.0	64.1	64.3	64.2	64.1	64.0	63.9	63.2
3	67.6	66.8	66.5	65.0	64.0	64.2	64.1	63.9	63.9	63.7	63.6
4	67.5	66.8	66.4	64.7	63.9	64.0	64.0	63.9	63.8	63.6	63.5
5	67.5	66.7	66.4	64.8	63.9	64.0	64.0	63.9	63.9	63.7	63.6
6	67.5	66.6	66.3	64.7	63.8	64.0	63.9	63.8	63.8	63.6	63.6
7	67.5	66.6	66.3	65.0	64.4	64.3	64.1	64.1	64.0	63.8	63.6
8	67.5	66.6	66.3	66.0	65.4	65.4	65.1	64.7	64.5	64.3	64.2
9	67.7	66.9	66.6	67.2	67.0	66.8	66.1	65.3	65.2	65.2	64.8
10	67.8	67.0	67.0	69.2	69.2	68.7	67.4	66.3	66.1	66.1	65.6
11	67.9	67.3	67.4	71.3	71.2	70.0	68.4	66.8	66.7	66.7	66.1
12	68.2	67.6	67.6	73.5	72.9	70.9	69.0	67.2	66.9	67.1	66.5
13	68.1	67.8	68.4	74.0	73.3	71.1	68.9	67.1	66.7	66.8	66.1
14	68.2	68.1	68.5	73.3	72.3	70.2	68.8	66.9	66.4	66.7	66.0
15	68.1	68.2	68.5	71.4	71.4	69.2	68.2	66.1	66.0	66.1	65.5
16	68.2	68.3	68.4	69.1	69.1	67.3	66.7	65.7	65.4	65.4	65.0
17	68.1	68.2	68.1	67.6	66.9	65.6	65.5	65.1	64.9	64.9	64.7
18	67.9	68.0	67.7	66.5	65.4	64.9	64.9	64.7	64.6	64.5	64.3
19	67.8	67.7	67.4	65.8	64.9	64.6	64.7	64.5	64.4	64.3	64.1
20	67.1	67.6	67.2	65.6	64.7	64.5	64.6	64.4	64.4	64.2	64.1
21	67.8	67.6	67.2	65.6	64.6	64.5	64.5	64.4	64.4	64.3	64.2
22	67.8	67.3	66.7	65.4	64.6	64.4	64.5	64.4	64.3	64.2	64.1
23	67.8	67.3	66.9	65.4	64.6	64.6	64.6	64.4	64.4	64.3	64.3
24	67.8	67.3	66.9	65.4	64.5	64.5	64.6	64.4	64.4	64.3	64.2
MEAN	67.8	67.3	67.2	67.3	66.6	66.1	65.6	65.0	64.9	64.8	64.5

NOVEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	66.9	66.1	66.7	63.7	62.5	62.1	62.0	62.2	62.2	62.3	62.4
2	66.9	66.1	66.5	63.5	62.2	61.8	61.8	61.9	62.0	62.2	62.3
3	66.9	65.9	66.5	63.6	62.2	61.7	61.7	61.9	62.1	62.1	62.3
4	67.0	65.8	66.4	63.5	62.3	61.8	61.8	61.9	62.1	62.1	62.4
5	67.1	65.6	66.5	63.2	62.3	61.9	61.9	62.1	62.3	62.3	62.5
6	66.8	65.5	66.1	63.0	61.6	61.2	61.3	61.6	61.8	61.9	62.2
7	66.9	65.4	66.1	63.3	62.4	62.1	62.4	62.8	62.6	62.6	62.6
8	66.9	65.4	66.0	64.8	64.4	64.4	64.2	63.9	63.8	63.6	63.4
9	66.9	65.5	66.1	66.3	66.6	66.5	65.7	64.9	64.5	64.1	63.7
10	67.0	65.7	66.1	68.4	68.8	68.8	67.0	65.8	65.4	64.8	64.2
11	66.9	66.1	66.3	70.8	70.6	70.8	69.1	67.2	66.2	65.7	65.0
12	67.1	66.6	67.2	71.4	71.9	71.1	69.1	66.9	66.2	65.7	64.9
13	67.2	66.9	67.3	71.8	71.7	70.2	68.7	66.7	65.9	65.4	64.9
14	67.0	67.3	67.2	70.2	69.5	68.4	67.4	65.8	65.1	64.8	64.3
15	66.6	67.1	67.1	69.5	69.9	68.4	66.8	65.7	64.9	64.7	64.1
16	66.7	67.1	67.2	67.7	66.9	65.6	65.1	64.3	64.1	64.0	63.7
17	66.6	67.0	67.3	66.6	65.1	63.8	63.5	63.2	63.1	62.7	62.7
18	66.5	66.8	67.1	65.6	63.7	62.8	62.7	62.7	62.7	62.7	62.7
19	66.6	66.6	67.1	65.3	63.4	62.8	62.7	62.7	62.8	62.8	62.8
20	66.6	66.5	67.0	64.9	63.3	62.7	62.7	62.6	62.6	62.6	62.5
21	66.6	66.3	66.9	64.5	63.1	62.5	62.4	62.4	62.5	62.5	62.5
22	66.6	66.1	66.7	64.1	62.5	62.1	62.0	62.1	62.1	62.1	62.2
23	66.7	66.1	66.5	64.0	62.7	62.3	62.2	62.3	62.4	62.4	62.4
24	66.7	65.9	66.6	63.8	62.6	62.1	62.0	61.8	61.9	61.8	62.0
MEAN	66.8	66.2	66.7	66.0	65.1	64.5	64.0	63.6	63.4	63.3	63.1

DECEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	62.4	61.6	61.8	59.7	57.6	57.3	57.3	57.4	57.4	57.6	57.6
2	62.4	61.4	61.6	59.5	57.4	57.2	57.2	57.2	57.3	57.3	57.4
3	62.2	61.2	61.4	59.2	57.2	57.0	56.9	57.0	57.0	57.1	57.2
4	62.3	61.2	61.3	59.0	57.3	57.0	56.9	56.9	56.9	57.0	57.0
5	62.3	61.2	61.4	59.0	57.1	56.8	56.8	56.9	57.0	57.0	57.1
6	62.3	61.1	61.3	58.9	57.0	56.7	56.7	56.9	56.9	57.0	57.1
7	62.2	61.0	61.2	58.9	57.0	56.7	56.7	56.8	56.9	57.1	57.1
8	62.2	61.0	61.2	59.5	58.2	57.8	57.7	57.6	57.7	57.7	57.6
9	62.2	61.0	61.8	60.5	59.6	59.1	58.7	58.5	58.4	58.4	58.0
10	62.0	60.9	61.0	61.4	60.5	59.9	59.2	58.9	58.7	58.6	58.3
11	62.1	61.2	61.2	63.1	62.4	61.6	60.5	59.8	59.3	59.3	58.7
12	62.0	61.3	61.3	64.6	63.7	62.3	61.0	60.3	59.8	59.6	59.0
13	62.4	61.7	61.5	65.7	65.0	63.6	62.2	61.0	60.3	60.1	59.3
14	62.2	61.8	61.6	65.9	64.9	63.2	61.8	60.6	60.0	59.9	59.2
15	62.1	62.0	61.8	65.7	64.2	62.4	61.5	60.4	59.8	59.7	59.2
16	62.2	62.1	61.8	64.9	62.7	61.0	60.4	59.5	59.1	59.0	58.8
17	62.2	62.2	62.0	63.6	60.6	59.2	59.0	58.6	58.5	58.3	58.3
18	62.3	62.2	62.1	62.4	58.8	58.1	58.0	58.0	58.0	58.1	58.1
19	62.3	62.1	62.0	61.5	58.4	57.9	57.8	57.9	57.9	57.9	58.0
20	62.3	62.1	62.1	61.0	58.3	57.8	57.8	57.8	57.9	57.9	58.0
21	62.4	62.0	61.9	60.9	58.2	57.7	57.6	57.7	57.8	57.8	57.9
22	62.4	61.9	62.1	60.3	58.2	57.8	57.7	57.8	57.9	57.9	58.0
23	62.4	61.8	61.8	60.2	58.0	57.5	57.5	57.6	57.6	57.7	57.7
24	62.4	61.7	61.8	60.1	57.8	57.5	57.4	57.6	57.6	57.7	57.7
MEAN	62.3	61.6	61.6	61.4	59.5	58.9	58.5	58.2	58.1	58.1	58.0

TABLE 3. LOW-LEVEL TEMPERATURE STRATIFICATION (CONT.)

GURABO

JANUARY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	75.9	73.8	69.5	67.6	66.3	65.4	66.3	64.4	65.1	64.7	65.3
2	75.8	73.5	69.2	67.6	66.2	65.1	66.1	64.2	64.8	64.3	65.0
3	75.7	73.1	68.8	67.1	65.8	64.8	65.7	63.8	64.5	64.2	64.6
4	75.7	72.9	68.7	66.9	65.6	64.5	65.5	63.6	64.1	63.9	64.2
5	75.6	72.7	68.3	66.8	65.4	64.4	65.4	63.3	63.9	63.8	64.0
6	75.5	72.4	68.2	66.9	65.7	64.5	65.5	63.5	63.9	63.8	64.0
7	75.4	72.3	68.2	66.8	65.6	64.5	65.6	63.5	64.0	63.8	63.9
8	75.3	72.1	69.0	68.7	67.8	67.2	68.1	66.7	66.3	65.9	66.1
9	75.1	72.1	71.3	72.9	74.5	74.3	71.8	72.7	71.3	71.0	71.4
10	74.9	72.6	75.0	77.6	80.9	80.9	78.3	79.5	77.4	77.1	76.7
11	74.9	73.8	78.2	75.5	84.6	84.4	80.4	81.8	80.2	80.1	79.5
12	74.9	75.0	80.0	75.7	86.6	86.0	81.2	82.8	81.3	81.0	80.6
13	74.9	76.0	81.0	75.6	87.2	86.4	81.7	83.1	81.6	81.1	80.7
14	75.0	76.9	80.0	82.4	86.6	86.0	81.6	82.8	81.4	81.0	80.8
15	75.2	77.2	80.0	81.0	84.4	84.5	81.0	81.8	80.8	80.4	80.1
16	75.4	77.5	79.6	81.9	81.6	80.8	80.1	80.9	80.2	79.6	79.8
17	75.6	77.4	77.5	77.3	76.6	76.9	77.3	77.9	78.1	78.1	78.2
18	75.8	77.0	76.0	74.4	73.7	73.5	74.0	74.4	75.2	75.4	75.8
19	75.9	76.5	74.0	71.9	71.0	70.6	71.3	70.9	72.0	72.1	73.0
20	76.0	75.8	72.5	70.3	69.3	68.7	69.5	68.6	69.6	69.6	70.4
21	76.0	75.4	71.7	69.3	68.0	67.5	68.3	67.2	68.2	68.0	68.8
22	76.1	74.9	71.0	68.6	67.3	66.5	67.4	66.3	67.0	66.8	67.4
23	76.1	74.5	70.5	68.2	66.8	65.9	66.8	65.5	66.2	65.9	66.6
24	76.0	74.1	70.1	67.8	66.6	65.6	66.3	64.9	65.6	64.8	65.8
MEAN	75.5	74.5	73.2	72.0	73.0	72.4	71.8	71.4	71.3	71.1	71.3

FEBRUARY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	75.9	72.7	68.1	63.2	62.2	61.2	60.1	61.6	61.8	62.1	61.9
2	75.9	72.5	67.8	63.2	57.9	0.0	0.0	61.2	61.4	61.4	61.2
3	75.6	72.0	67.6	63.0	62.0	61.0	59.3	61.0	61.1	61.2	60.8
4	75.4	71.7	67.4	63.1	62.1	61.1	59.4	61.1	61.1	61.2	60.8
5	75.2	71.6	67.5	63.6	62.7	61.8	60.1	61.4	61.5	61.7	61.2
6	75.1	71.4	67.2	63.3	62.4	61.4	60.2	61.2	61.4	61.5	61.2
7	74.9	71.1	66.9	63.1	62.2	61.3	60.3	61.0	61.1	61.3	61.0
8	74.8	70.8	68.5	67.7	67.0	67.9	66.6	66.4	66.1	66.2	66.2
9	74.7	71.3	71.9	75.8	76.8	78.3	73.8	73.5	72.8	72.8	72.9
10	74.5	72.5	76.3	87.6	85.5	85.8	81.2	80.1	79.0	78.7	78.8
11	74.4	74.1	79.9	88.1	88.2	87.2	83.8	81.9	81.1	80.5	80.4
12	74.4	75.8	82.9	93.9	88.7	87.1	83.9	82.3	81.4	80.0	80.9
13	74.5	77.6	85.6	92.9	89.2	87.8	84.8	83.1	82.6	81.9	81.8
14	74.9	78.5	83.7	94.6	88.0	87.8	85.1	83.4	82.6	82.3	82.1
15	75.1	78.8	84.4	90.8	86.2	86.3	83.8	82.4	81.7	81.6	81.2
16	75.6	79.1	83.1	85.2	83.4	83.1	81.8	81.0	80.6	80.5	80.3
17	75.8	78.8	79.0	81.3	78.4	78.6	79.0	78.8	78.9	78.9	79.0
18	76.1	78.0	76.1	74.8	73.6	73.9	74.6	75.4	75.8	76.1	76.6
19	76.2	77.0	74.2	70.2	69.3	68.7	69.3	70.6	71.4	71.9	72.7
20	76.3	76.0	72.6	68.1	66.9	66.0	66.2	67.7	68.4	68.7	69.6
21	76.3	75.3	71.8	66.9	65.9	65.0	64.8	66.1	66.5	66.9	67.4
22	76.4	74.5	70.5	65.7	64.6	63.7	63.4	64.6	64.9	65.1	65.3
23	76.2	74.0	69.6	64.5	63.3	62.4	61.8	63.3	63.5	63.8	63.8
24	76.0	73.4	68.7	63.7	62.6	61.6	60.8	62.5	62.7	62.9	62.8
MEAN	75.4	74.5	73.8	74.0	69.7	71.6	70.1	70.5	70.4	70.4	70.4

MARCH

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	76.7	74.6	71.4	65.4	59.9	63.8	64.2	64.9	65.3	65.6	65.8
2	76.3	73.9	70.6	64.7	59.7	63.5	63.7	64.4	64.7	65.0	65.1
3	76.2	73.5	70.4	64.4	59.2	63.2	63.3	63.9	64.1	64.4	64.6
4	76.0	73.0	69.9	64.2	59.2	63.2	63.3	63.7	63.9	64.2	64.3
5	75.9	72.8	69.7	64.1	59.8	62.6	62.7	63.1	63.4	63.6	63.8
6	76.1	74.1	72.2	64.2	64.1	64.6	64.9	65.2	65.4	65.6	65.8
7	75.7	72.4	69.9	64.9	61.9	63.8	64.0	68.1	68.2	68.4	68.4
8	75.6	72.6	71.8	70.6	67.5	69.6	69.9	69.0	69.3	69.4	69.4
9	75.4	73.3	75.2	80.7	79.0	79.4	77.4	76.6	76.2	76.2	76.2
10	75.3	74.8	77.8	87.8	87.3	83.9	81.4	80.4	79.7	79.2	79.0
11	75.4	76.3	80.6	87.0	83.0	85.6	83.2	82.2	81.6	81.3	80.7
12	75.5	77.7	83.1	90.4	89.1	86.5	83.5	82.6	81.9	81.4	81.0
13	75.7	78.9	84.5	93.0	92.2	86.8	84.3	83.3	82.8	82.1	81.6
14	76.0	79.5	85.0	97.2	91.2	87.1	84.6	83.5	82.9	82.3	81.8
15	76.2	80.2	86.0	87.9	89.6	86.3	84.2	83.3	82.8	82.3	81.9
16	76.4	80.1	85.2	87.3	84.4	85.2	83.0	81.4	81.4	81.2	80.8
17	76.6	79.5	82.0	84.7	79.3	81.1	80.6	80.1	80.0	79.9	79.7
18	76.8	78.7	79.1	77.9	72.3	76.5	77.0	77.0	77.1	77.3	77.3
19	77.0	78.0	77.0	72.7	68.4	72.1	73.0	73.6	74.1	74.4	74.7
20	77.1	77.2	75.5	70.3	65.9	69.7	70.5	71.3	71.7	72.0	72.5
21	77.0	76.6	74.6	69.1	64.4	68.3	68.9	69.7	70.1	70.4	70.7
22	76.9	76.0	73.6	67.9	62.8	67.0	67.7	68.4	68.8	69.0	69.3
23	76.8	75.4	72.7	66.4	61.1	65.6	66.1	66.8	67.1	68.0	68.3
24	76.7	74.9	72.0	65.6	60.2	64.4	64.9	65.8	66.1	66.4	66.7
MEAN	76.2	76.0	76.2	75.3	71.6	73.3	72.7	72.7	72.7	72.7	72.7

APRIL

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	77.4	77.2	76.9	69.0	69.2	67.0	68.5	69.1	69.6	69.1	70.8
2	76.9	76.5	76.3	68.4	68.7	66.9	67.5	68.2	68.6	68.2	68.7
3	76.9	76.1	75.7	68.4	68.7	66.7	67.3	67.9	68.7	68.5	68.3
4	76.4	75.5	75.2	68.7	69.0	66.8	67.2	67.7	68.8	68.6	68.1
5	76.6	75.5	75.0	69.0	69.4	67.6	67.9	68.2	69.3	68.4	68.6
6	76.3	74.5	74.7	68.7	69.2	67.2	67.4	67.8	68.7	68.2	68.5
7	76.1	74.9	74.4	69.7	69.8	68.3	68.4	68.8	69.3	69.2	69.0
8	76.3	75.0	74.8	73.9	73.9	72.6	71.9	72.1	72.4	72.3	72.0
9	77.0	76.0	76.5	80.0	79.3	78.5	77.6	77.7	77.4	77.6	76.8
10	77.8	77.5	79.2	89.6	82.8	83.5	82.0	81.6	81.9	81.8	80.6
11	78.4	79.2	81.8	98.1	84.4	86.4	84.2	83.8	85.4	85.6	83.4
12	78.3	80.2	84.2	104.6	85.8	87.1	85.1	84.2	87.6	81.9	84.2
13	78.6	81.7	86.3	100.7	85.3	87.3	85.3	85.2	87.1	86.0	84.3
14	78.9	82.1	87.3	91.1	84.9	87.3	85.3	85.1	87.4	86.7	84.6
15	79.1	83.2	87.5	83.5	82.7	86.8	84.4	84.1	86.1	85.9	84.1
16	79.3	81.7	87.0	83.1	82.6	84.2	82.7	82.5	84.1	83.3	82.4
17	79.2	82.7	86.0	83.7	81.2	82.7	81.8	81.2	82.3	81.2	81.4
18	79.0	82.0	84.4	80.6	79.6	80.0	79.9	79.9	79.4	78.7	79.8
19	78.7	81.0	82.8	77.0	76.9	76.4	76.8	76.6	76.4	76.6	77.2
20	78.2	80.0	80.9	74.3	74.8	73.9	74.6	74.8	74.1	74.0	75.4
21	77.8	79.1	79.6	71.9	72.5	71.6	72.5	72.9	71.9	71.4	73.6
22	77.7	78.6	79.0	71.0	71.6	70.5	71.2	71.7	70.9	70.4	72.3
23	77.6	78.2	78.4	70.7	71.3	70.1	70.8	71.4	70.8	70.3	72.0
24	77.4	77.5	77.5	69.4	69.9	68.8	69.4	70.0	69.8	69.4	70.5
MEAN	77.7	78.5	79.9	78.5	75.8	75.5	75.2	75.3	75.9	75.4	75.5

MAY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	84.1	81.0	78.2	71.9	71.4	69.4	70.5	68.5	71.2	71.9	58.1
2	84.0	80.5	77.6	71.6	71.6	69.1	70.2	67.9	70.9	71.5	57.8
3	83.7	79.9	77.0	70.9	71.0	68.4	69.3	67.3	70.0	70.6	54.8
4	83.5	79.4	76.5	70.7	71.1	68.6	69.4	67.1	69.7	70.3	54.6
5	83.4	79.0	76.2	70.6	71.0	68.7	69.1	67.2	69.6	70.1	54.5
6	83.2	78.7	75.8	71.1	71.0	68.8	69.5	67.4	69.9	70.4	50.1
7	83.1	78.8	77.4	77.7	75.1	74.5	73.4	72.4	73.3	73.2	47.6
8	82.9	79.9	81.9	82.1	81.4	81.7	79.9	79.0	79.3	78.5	48.2
9	82.7	82.2	85.9	89.2	87.3	88.2	84.2	83.4	83.6	82.7	53.1
10	82.8	84.8	90.3	92.9	84.5	87.1	86.6	85.8	85.0	84.4	65.0
11	82.7	87.6	91.0	100.7	89.5	92.2	88.5	87.3	86.2	85.6	68.5
12	82.9	90.1	98.0	107.8	93.0	92.5	89.3	87.9	87.3	86.6	69.2
13	83.0	91.9	101.7	104.7	97.7	88.0	89.6	87.8	87.4	86.4	66.0
14	83.2	93.1	102.5	92.9	88.3	90.6	88.0	86.5	86.1	85.6	71.3
15	83.6	92.9	96.1	92.8	86.3	87.9	85.5	84.2	84.4	84.4	72.9
16	83.8	91.7	90.5	90.7	86.7	85.4	84.0	82.1	82.9	82.9	71.9
17	84.0	90.4	88.2	86.0	84.1	83.8	82.8	81.1	82.2	82.1	71.2
18	84.3	89.0	88.7	85.2	80.8	80.7	80.6	78.9	80.7	80.8	67.7
19	84.5	87.4	85.8	79.9	77.3	76.0	77.4	76.0	78.1	78.7	66.0
20	84.7	86.0	83.8	77.5	75.2	73.7	75.3	73.7	76.3	77.0	64.9
21	84.9	84.9	82.3	75.8	74.0	72.0	73.6	71.8	74.8	75.5	63.6
22	84.6	83.5	80.4	74.2	73.1	71.1	72.4	70.7	73.5	74.2	61.3
23	84.4	82.6	79.8	73.7	72.6	70.9	72.1	70.8	73.0	73.7	62.0
24	84.1	81.4	78.9	72.9	72.5	70.1	71.1	69.5	72.2	72.8	58.6
MEAN	83.7	85.1	85.2	86.2	82.9	78.3	78.1	76.5	77.9	78.0	61.8

JUNE

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	83.7	80.6	78.2	74.4	73.8	71.8	71.6	71.6	72.4	72.7	65.7
2	83.5	80.3	77.8	74.2	73.6	71.5	71.7	71.6	72.0	72.3	65.3
3	83.3	79.9	77.6	74.1	73.7	71.9	71.7	71.6	72.1	72.3	65.2
4	83.2	79.6	77.3	73.8	73.4	71.5	71.4	71.3	71.8	72.0	65.0
5	83.0	79.3	77.0	73.8	73.5	71.7	71.3	71.2	71.6	71.8	64.8
6	83.0	79.0	76.7	74.1	73.6	72.0	71.6	71.5	71.8	72.0	64.9
7	82.7	78.8	77.6	77.6	76.8	75.8	75.4	75.1	75.1	75.0	67.5
8	82.5	79.6	80.8	80.8	81.7	81.5	81.4	81.3	80.7	80.1	69.0
9	82.3	81.1	84.0	85.1	80.9	84.5	83.7	83.4	82.5	82.2	68.3
10	82.2	82.8	82.6	92.4	83.0	86.5	84.8	84.7	83.5	83.2	71.7
11	82.3	84.5	85.5	98.9	85.8	88.5	86.3	86.1	84.5	84.1	75.3
12	82.2	86.6	85.5	107.8	94.0	89.0	87.2	87.1	85.7	85.2	73.5
13	82.5	88.1	96.1	104.6	94.4	89.1	87.9	87.8	86.3	85.7	76.8
14	82.7	89.1	96.8	108.2	89.5	89.7	87.6	87.6	86.2	85.7	76.8
15	82.8	89.3	94.8	107.7	88.9	89.1	87.1	87.1	85.8	85.5	76.6
16	83.0	88.9	97.4	95.4	85.7	85.7	84.6	84.6	83.7	83.6	75.1
17	83.2	87.9	89.4	90.7	83.5	83.9	83.7	83.6	83.1	83.0	74.6
18	83.3	86.7	86.8	84.9	80.8	80.8	81.3	81.2	81.5	81.7	73.6
19	83.7	85.6	84.6	80.9	78.2	77.1	78.2	78.3	79.1	79.6	71.9
20	83.9	84.5	82.8	78.7	76.6	75.0	75.7	75.7	77.1	77.5	70.0
21	83.9	83.4	81.3	77.0	75.2	73.4	73.8	73.7	75.1	75.7	68.5
22	84.0	82.4	80.3	76.0	74.5	72.7	72.8	72.8	74.2	74.8	67.7
23	83.9	81.7	79.4	75.3	74.1	72.2	72.3	72.3	73.4	73.7	66.6
24	83.7	81.2	78.8	74.9	73.9	72.0	71.9	71.9	72.6	73.0	66.1
MEAN	83.1	83.4	87.3	96.3	80.0	79.0	78.5	78.4	78.4	78.4	70.0

JULY

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	83.1	80.4	78.6	75.2	74.5	73.2	72.2	72.3	72.9	73.0	73.1
2	83.1	80.5	78.1	74.8	74.3	72.8	71.9	71.8	72.3	72.4	72.5
3	83.0	80.1	77.9	74.8	74.3	73.0	71.5	71.5	71.9	71.9	71.9
4	82.9	79.5	77.5	74.2	73.7	72.3	70.9	70.9	71.4	71.4	71.4
5	82.9	79.5	77.4	73.9	73.3	72.0	70.8	70.6	71.1	71.2	71.2
6	82.4	78.9	76.5	74.1	73.6	72.6	71.3	70.7	71.1	71.2	71.3
7	82.8	79.1	77.4	76.3	75.9	75.1	74.0	73.6	73.7	73.4	71.3
8	82.6	79.4	79.1	80.6	80.2	80.4	80.7	80.7	78.7	78.2	74.5
9	82.7	80.7	82.7	80.8	85.0	85.8	85.4	85.2	83.1	82.4	79.9
10	82.4	82.1	85.0	82.1	88.0	85.7	85.9	85.7	84.0	83.4	80.3
11	82.4	83.5	86.7	90.0	80.0	87.1	86.5	86.3	85.0	84.5	78.6
12	82.3	84.7	89.2	99.9	86.5	87.9	88.0	87.6	85.9	85.1	79.3
13	82.5	85.8	90.3	98.7	86.0	82.9	87.8	87.4	85.9	85.5	82.1
14	82.6	86.5	90.4	99.8	88.5	85.2	87.9	87.6	86.4	85.8	82.7
15	82.6	86.6	89.6	99.1	90.6	87.6	87.3	86.9	85.7	85.3	82.2
16	82.8	86.5	88.2	91.1	86.9	87.6	85.6	85.2	84.6	84.4	78.8
17	82.9	85.9	86.7	88.0	84.1	84.5	84.1	83.6	83.5	83.5	78.0
18	83.1	85.1	85.0	83.6	81.2	80.6	81.1	80.9	81.6	81.7	76.6
19	83.4	84.4	83.7	80.7	78.9	77.6	78.1	77.9	78.9	79.3	74.6
20	83.4	83.6	82.4	78.8	77.0	75.4	75.2	75.2	76.8	77.3	72.7
21	83.5	82.9	81.3	77.7	76.4	75.0	74.1	74.0	75.7	76.1	71.5
22	83.6	82.3	80.3	76.4	75.3	73.9	73.0	72.9	74.2	74.5	70.0
23	83.3	81.7	79.6	76.0	75.0	73.6	72.4	72.4	73.6	73.8	71.6
24	83.2	81.1	78.9	75.6	74.8	73.5	72.6	72.8	73.7	73.9	73.7
MEAN	82.9	82.5	82.6	82.6	79.7	79.0	78.6	78.4	78.3	78.2	75.4

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	83.8	81.6	77.0	73.2	70.1	68.2	66.5	67.2	68.1	67.2	58.2
2	83.7	81.2	76.6	72.7	69.8	68.5	66.8	67.3	68.5	67.7	56.4
3	83.6	80.8	76.2	72.2	69.4	67.6	65.5	66.2	67.1	66.3	57.3
4	83.5	80.3	75.8	72.7	69.7	67.7	65.2	65.9	66.9	66.1	57.1
5	83.3	80.0	75.5	71.9	69.2	67.5	65.2	66.0	67.0	66.1	57.0
6	83.2	79.7	75.2	71.8	68.8	67.2	64.8	65.9	67.2	65.8	56.8
7	83.1	79.5	76.2	74.3	71.4	70.2	66.7	67.8	68.4	67.3	58.1
8	82.9	79.7	79.5	84.3	79.0	79.2	75.1	75.2	75.0	73.7	64.2
9	82.6	80.9	84.2	88.0	86.0	85.4	81.4	81.2	81.2	80.6	72.3
10	82.5	82.3	86.2	88.4	90.7	87.5	84.0	83.3	83.1	82.3	79.1
11	82.4	83.9	88.9	99.6	95.9	88.5	84.9	83.8	83.5	82.6	76.8
12	82.3	85.5	87.4	107.4	100.4	89.5	85.8	85.2	85.0	84.1	80.7
13	82.4	87.1	88.0	101.6	99.3	89.4	86.3	85.5	85.2	84.3	78.1
14	82.5	88.0	91.7	97.4	95.7	90.2	86.5	85.6	85.2	84.4	78.3
15	82.7	88.2	90.7	94.0	90.5	87.6	84.7	84.1	83.9	83.1	77.2
16	82.9	88.2	90.3	91.2	89.5	86.3	83.8	83.3	83.1	82.6	79.5
17	83.0	87.8	88.1	86.0	85.8	84.5	82.4	82.1	82.0	81.7	78.7
18	83.3	86.9	85.7	83.3	80.9	80.3	79.3	79.4	79.8	79.7	77.0
19	83.5	85.9	83.7	79.6	77.1	76.5	76.1	76.4	76.8	76.9	71.9
20	83.7	85.0	82.1	77.5	74.2	73.0	72.4	72.8	73.5	73.4	68.6
21	83.9	84.2	80.7	76.1	72.8	71.5	70.7	71.1	71.9	71.7	64.6
22	83.9	83.4	79.9	75.3	72.0	70.5	69.2	69.8	70.6	70.3	63.3
23	83.9	82.6	78.4	74.1	71.3	69.7	68.2	69.2	70.0	69.4	62.4
24	83.8	82.1	77.6	73.6	70.6	68.8	67.2	68.0	69.1	68.4	59.4
MEAN	83.2	83.6	82.5	82.7	80.0	77.6	75.2	75.4	75.8	75.1	68.0

SEPTEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	82.7	80.6	77.6	75.5	72.0	69.2	67.8	68.2	69.0	68.2	68.4
2	82.7	80.3	77.1	75.2	71.7	69.0	67.6	67.8	68.6	67.9	68.0
3	82.6	79.9	76.7	74.9	71.4	68.7	67.3	67.6	68.2	67.5	67.6
4	82.4	79.7	76.4	74.7	71.3	68.7	67.3	67.7	68.4	67.1	67.8
5	82.3	79.4	76.1	74.5	71.1	68.5	67.1	67.3	68.0	66.8	67.3
6	82.2	79.2	76.1	74.3	71.1	68.4	66.8	67.2	67.9	66.8	67.2
7	82.2	79.0	76.4	75.4	72.5	71.0	68.9	69.2	69.6	68.5	68.6
8	81.9	78.9	78.2	79.2	77.9	78.1	76.1	75.6	75.7	74.7	75.0
9	81.8	79.7	81.6	81.0	84.4	85.5	81.6	81.1	81.2	81.2	80.0
10	81.7	80.9	84.5	88.0	87.8	87.6	83.3	82.8	82.3	82.8	81.4
11	81.4	82.3	87.3	87.4	83.5	89.2	84.2	83.3	82.9	83.2	81.9
12	81.4	84.0	89.9	95.6	87.8	89.4	84.7	83.9	83.4	83.7	82.3
13	81.4	85.4	90.2	96.9	89.5	87.9	83.6	82.8	82.4	82.6	81.5
14	81.6	85.8	89.4	95.0	88.2	87.1	83.5	82.9	82.8	82.6	81.8
15	81.7	86.1	89.0	93.9	87.1	85.7	82.1	81.5	81.6	81.4	80.4
16	82.0	86.1	87.7	88.2	85.9	84.7	81.7	81.2	81.4	81.3	80.5
17	82.1	85.7	85.9	84.6	81.8	81.0	79.5	79.1	79.7	79.4	79.2
18	82.4	84.8	83.6	81.5	77.7	76.3	75.9	76.3	77.0	76.7	77.0
19	82.5	84.0	81.9	79.6	75.7	73.4	72.7	73.0	74.0	73.9	74.3
20	82.7	83.3	80.9	78.9	74.8	72.4	71.4	71.7	72.5	72.3	72.6
21	82.7	82.6	80.1	78.0	73.8	71.3	70.4	70.7	71.5	71.1	71.2
22	82.8	82.0	79.3	77.1	73.2	70.7	69.6	69.8	70.6	70.1	70.2
23	82.8	81.5	78.6	76.4	72.6	69.9	68.8	68.9	69.9	69.0	69.3
24	82.7	81.0	77.9	75.8	72.0	69.4	68.0	68.3	69.1	68.5	68.6
MEAN	82.2	82.2	81.8	81.7	78.1	76.8	74.6	74.5	74.9	74.5	74.3

OCTOBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	82.1	79.8	77.6	73.6	70.0	68.6	67.2	67.3	68.0	67.7	67.4
2	81.9	79.4	77.1	73.1	69.7	68.5	66.9	67.0	67.7	67.4	67.1
3	81.9	79.1	76.9	73.1	69.7	68.3	66.8	67.1	67.7	67.5	67.0
4	81.8	78.8	76.6	72.8	69.5	68.1	66.2	66.4	67.1	66.9	66.5
5	81.7	78.6	76.4	72.7	69.4	68.0	66.1	66.3	66.8	66.6	66.4
6	81.6	78.3	76.1	72.7	69.2	67.8	66.0	66.1	66.6	66.2	66.0
7	81.5	78.2	76.4	74.1	71.5	70.4	68.2	68.2	68.9	68.6	68.1
8	81.3	78.1	77.3	77.0	75.8	77.0	74.4	74.2	74.2	74.4	73.9
9	81.2	78.7	79.7	81.3	84.1	83.7	80.8	80.4	80.1	79.4	79.8
10	81.0	79.7	82.6	86.8	82.8	88.4	84.2	83.6	83.1	82.5	82.7
11	80.9	81.1	85.0	93.9	87.7	86.7	85.3	84.6	84.0	83.5	83.2
12	80.8	82.4	87.2	91.5	82.7	90.5	85.9	85.1	84.6	84.2	83.7
13	80.9	83.7	88.0	89.1	88.3	90.3	85.7	84.8	84.5	84.2	83.7
14	80.9	84.2	86.9	90.7	89.6	89.1	85.5	84.6	84.2	83.9	83.6
15	81.1	84.5	86.8	85.8	87.2	86.4	83.4	82.8	82.7	82.3	82.1
16	81.3	84.5	85.5	85.6	83.8	82.7	81.4	81.2	81.3	81.2	81.0
17	81.6	84.1	83.7	81.7	79.1	78.7	78.5	78.6	79.1	79.0	79.0
18	81.7	83.3	82.0	78.9	75.7	75.0	74.7	75.2	75.1	76.2	76.2
19	81.9	82.7	80.9	77.2	73.2	72.3	71.4	71.5	72.4	72.3	72.3
20	81.9	82.0	80.0	75.9	71.8	70.8	69.6	69.6	70.4	70.3	70.1
21	82.0	81.5	79.5	75.3	71.2	69.9	68.2	68.1	68.9	68.8	68.4
22	82.1	81.0	78.9	74.6	70.7	69.3	67.8	67.8	68.5	68.3	67.9
23	82.1	80.6	78.4	74.2	70.4	69.2	67.5	67.7	68.3	68.2	67.9
24	82.0	80.1	77.8	73.9	70.2	68.9	67.4	67.6	68.1	67.9	67.7
MEAN	81.5	81.0	80.7	79.3	76.4	76.2	74.1	74.0	74.3	74.2	73.8

NOVEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	78.5	76.5	71.9	70.1	68.3	66.6	69.6	65.4	67.4	67.5	66.9
2	78.4	76.2	71.8	70.1	68.2	66.5	69.4	65.3	67.0	67.0	66.1
3	78.4	75.9	71.6	70.2	68.2	66.5	69.3	65.4	66.7	66.8	66.4
4	78.3	75.8	71.4	69.9	68.1	66.4	69.0	65.2	66.3	66.4	65.9
5	78.3	75.4	71.1	69.6	67.7	66.0	68.8	64.7	66.0	66.1	65.6
6	78.1	75.2	70.9	69.6	67.8	66.1	68.8	64.7	65.8	65.8	65.6
7	78.1	75.1	70.9	69.7	67.8	66.2	68.6	64.7	65.8	65.9	65.2
8	78.1	75.2	72.6	72.0	71.9	71.1	71.7	69.9	69.9	69.8	69.4
9	78.3	75.6	76.4	76.7	79.6	78.3	76.3	77.8	76.0	75.7	75.4
10	78.3	76.5	81.0	84.1	85.5	83.2	78.8	83.3	80.5	80.7	79.4
11	78.6	77.9	83.3	93.1	88.9	85.3	80.1	85.6	82.8	82.8	81.9
12	78.4	79.1	84.4	97.9	88.0	85.2	80.0	85.0	82.6	82.6	81.6
13	78.6	80.2	85.0	87.1	87.0	85.7	81.1	85.6	83.2	83.3	82.3
14	78.5	80.6	84.1	87.4	86.5	84.2	80.3	84.2	82.2	82.2	81.4
15	78.7	81.0	84.1	85.1	85.0	83.1	79.5	83.3	81.7	81.9	80.6
16	78.8	80.8	83.0	83.8	81.6	80.3	78.3	80.7	80.2	80.5	79.4
17	78.8	80.4	80.9	79.9	77.7	77.6	76.5	77.4	78.4	78.3	77.6
18	78.8	79.7	78.1	76.8	74.8	74.3	75.0	73.6	75.3	75.6	75.4
19	78.8	79.2	75.7	74.3	72.3	71.2	73.0	69.8	72.6	72.9	72.7
20	78.7	78.5	74.8	73.0	70.9	69.5	71.6	68.0	71.1	71.3	70.8
21	78.6	78.0	74.1	72.3	70.2	68.5	70.8	67.0	70.0	70.2	69.2
22	78.5	77.4	73.4	71.6	69.2	67.5	70.1	66.0	69.1	69.1	68.2
23	78.4	76.9	72.7	71.1	68.9	67.1	69.8	65.9	68.5	68.7	67.7
24	78.3	76.6	72.2	70.8	68.5	66.9	69.8	65.7	68.0	68.1	67.3
MEAN	78.5	77.7	76.5	77.0	75.1	73.4	73.6	72.6	73.2	73.3	72.6

DECEMBER

HOUR	-25	-7.5	-2.5	SURF	2.5	7.5	25	50	100	200	400
1	75.4	73.0	69.8	67.7	65.7	65.1	67.7	64.9	65.9	65.1	65.2
2	75.5	73.3	69.5	67.4	65.4	64.7	67.3	64.6	65.7	65.1	65.4
3	75.4	72.6	69.4	67.4	65.6	64.7	67.2	64.7	65.6	65.0	65.1
4	75.4	72.8	69.2	67.1	65.2	64.1	66.9	64.4	65.3	64.7	64.9
5	75.3	72.6	69.0	67.0	65.0	64.3	66.3	64.2	65.2	64.2	64.8
6	75.3	72.4	68.7	66.9	65.0	64.2	66.7	64.1	65.1	64.4	64.6
7	75.2	71.8	68.6	66.9	65.1	64.3	66.3	64.1	65.0	64.3	64.5
8	75.1	72.1	69.5	68.8	68.0	67.3	68.8	67.6	67.7	66.9	67.0
9	75.0	71.8	70.9	72.8	73.3	72.3	72.2	73.8	72.2	71.6	71.3
10	74.8	72.2	75.3	77.8	79.7	78.5	75.9	79.3	77.1	77.0	75.8
11	74.7	73.8	78.0	81.7	83.2	81.3	77.2	81.7	80.0	79.3	78.5
12	74.2	74.8	78.9	83.2	85.0	82.7	78.2	82.7	80.7	80.0	79.3
13	74.7	75.8	79.9	83.8	83.5	82.2	78.0	82.8	80.6	79.9	79.3
14	74.7	76.6	79.5	82.1	83.1	81.2	77.5	81.1	79.9	79.3	78.8
15	74.9	77.1	80.0	81.5	82.3	80.9	78.0	81.6	80.2	79.4	79.0
16	75.0	77.3	79.2	78.9	79.3	78.4	77.1	79.1	78.3	78.4	78.1
17	75.1	77.2	77.6	76.1	75.7	75.8	75.6	76.0	76.1	76.7	76.6
18	75.3	76.7	75.6	73.5	72.3	72.0	72.7	72.0	72.9	73.3	73.8
19	75.4	76.2	73.6	71.6	69.9	69.9	71.6	69.2	70.5	70.5	71.5
20	75.5	75.6	72.3	70.4	68.5	68.3	70.5	67.5	68.9	68.8	69.7
21	75.6	75.1	71.5	69.6	67.6	67.4	69.3	66.7	68.1	67.8	68.3
22	75.6	74.6	70.4	68.9	66.7	66.5	69.1	65.9	67.3	66.6	67.6
23	75.5	74.2	70.3	68.3	66.2	65.8	68.4	65.3	66.5	66.2	66.7
24	75.5	73.8	69.9	67.3	65.9	65.4	68.2	65.2	66.4	66.1	66.4
MEAN	75.2	74.3	73.2	72.8	71.9	71.1	71.5	71.2	71.3	70.8	70.9

TABLE 4. DIURNAL DISTRIBUTION OF MEAN RAINFALL, IN THOUSANDTHS OF AN INCH PER HOUR.

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	7	0	0	1	12	3	13	1	0	6	0	10	4
2	3	1	0	2	16	4	0	6	0	0	0	6	3
3	0	0	0	0	4	0	3	8	0	1	1	2	2
4	2	1	0	3	16	5	1	19	0	3	1	5	5
5	1	1	0	1	2	1	3	6	0	6	6	2	2
6	1	2	3	6	4	0	4	2	0	5	11	5	4
7	5	0	7	0	5	0	0	7	0	0	3	1	2
8	0	0	1	0	0	0	0	2	0	2	1	7	1
9	3	3	0	5	0	1	4	2	0	2	8	2	2
10	7	1	1	0	3	0	0	8	0	8	0	0	2
11	6	1	0	0	4	6	2	12	0	6	0	3	3
12	3	9	1	0	9	1	4	16	0	2	1	2	4
13	4	8	1	5	1	2	4	3	0	2	0	0	2
14	1	0	4	3	14	9	3	0	0	3	3	0	3
15	0	0	2	5	5	2	1	5	0	0	0	5	2
16	0	0	4	1	2	0	0	0	0	0	3	13	2
17	0	0	3	2	0	0	1	1	0	3	2	2	1
18	1	0	4	0	2	0	0	1	0	5	4	1	2
19	2	6	6	3	7	5	0	4	0	0	3	8	4
20	0	1	3	2	0	8	1	36	0	1	2	9	5
21	1	0	1	11	0	2	1	5	0	3	2	1	2
22	9	2	0	10	0	1	6	9	0	2	2	1	4
23	9	6	1	0	0	3	4	1	0	1	0	5	2
24	9	5	0	0	1	0	3	0	0	1	3	12	3
MEAN	3	2	2	2	4	2	2	6	0	3	2	4	3

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	8	2	3	30	19	17	21	14	15	14	8	35	16
2	12	6	9	34	29	22	14	11	6	24	11	24	17
3	8	7	9	20	28	22	21	10	4	10	22	28	16
4	6	6	8	25	17	19	16	25	1	16	14	24	15
5	13	6	13	17	31	12	30	16	11	10	10	29	16
6	9	6	10	13	23	18	16	13	2	5	11	30	13
7	12	10	11	23	22	9	17	10	6	4	18	15	13
8	13	9	4	30	31	12	14	13	12	4	18	16	15
9	10	10	13	21	56	12	21	14	30	6	18	10	18
10	10	6	9	32	47	12	8	14	20	4	10	22	16
11	7	8	18	27	21	15	21	20	26	4	15	19	17
12	14	12	17	56	18	47	9	16	27	6	27	24	23
13	9	40	8	56	48	44	12	24	44	14	12	15	27
14	4	24	5	46	22	18	21	17	31	12	17	14	19
15	10	8	3	37	36	22	16	12	124	16	19	18	27
16	7	7	6	18	13	14	12	28	129	17	41	7	25
17	14	0	10	7	21	9	14	7	155	7	10	25	23
18	13	2	10	8	11	8	8	21	124	13	22	21	22
19	6	3	10	15	27	14	20	25	98	12	15	12	21
20	9	6	11	15	12	12	3	32	2	12	15	14	12
21	10	16	16	4	10	2	36	28	5	9	11	24	14
22	7	12	10	19	11	8	10	21	5	5	10	15	11
23	13	5	5	16	15	9	22	9	17	5	23	25	14
24	10	4	10	22	11	10	15	4	18	8	6	22	12
MEAN	10	9	10	25	24	16	16	17	38	10	16	20	18

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	1	0	0	1	8	6	2	2	0	7	4	8	3
2	0	1	0	1	7	1	1	0	0	6	1	12	2
3	1	1	0	6	2	5	3	4	0	2	5	10	3
4	1	2	2	9	7	2	2	4	0	3	10	4	3
5	0	3	1	16	10	15	14	20	0	7	2	6	8
6	3	2	1	21	1	5	1	2	1	3	6	5	4
7	5	2	1	16	2	3	10	4	0	2	3	4	4
8	2	2	0	11	1	2	0	3	2	2	0	3	2
9	2	0	0	3	0	4	17	6	2	4	7	0	4
10	1	5	1	3	15	11	10	14	14	2	14	3	7
11	2	0	0	1	14	13	17	20	25	4	8	3	8
12	2	0	3	2	8	7	23	20	27	8	17	1	10
13	3	7	11	34	8	3	16	32	32	17	15	14	14
14	12	0	10	25	13	17	6	14	79	8	10	9	17
15	2	5	8	7	9	16	28	20	45	23	14	6	16
16	7	14	1	12	45	16	16	29	7	10	17	12	13
17	1	7	21	11	13	7	16	13	24	12	17	5	12
18	1	3	7	2	7	6	7	4	40	5	13	4	8
19	2	9	4	5	2	4	0	4	22	4	3	9	6
20	1	7	1	1	11	12	1	2	5	4	0	3	3
21	1	6	2	1	3	7	1	21	1	15	3	12	6
22	1	4	5	1	0	5	4	9	3	17	3	7	5
23	1	1	0	3	0	4	4	5	3	4	7	5	3
24	1	0	4	0	3	1	2	12	0	8	2	6	3
MEAN	2	3	4	8	8	7	8	11	14	7	8	6	7

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	8	0	3	38	23	26	2	8	38	8	9	24	16
2	8	0	3	38	23	26	2	8	38	8	9	24	16
3	11	8	3	27	40	14	10	12	10	29	17	13	16
4	8	4	4	9	15	14	11	26	2	6	8	14	10
5	7	7	8	4	20	14	6	25	10	8	12	8	11
6	5	6	3	6	5	9	26	14	2	10	6	8	8
7	4	0	10	22	11	6	19	20	3	10	12	38	13
8	5	2	8	12	10	6	9	10	10	4	11	7	8
9	7	6	5	16	12	26	10	5	26	6	17	6	12
10	2	4	8	18	18	15	7	5	20	18	8	10	11
11	4	4	3	31	28	10	20	9	11	2	10	8	12
12	6	4	4	21	24	15	15	17	16	3	14	6	12
13	4	12	2	10	36	7	7	20	11	6	11	8	11
14	1	16	1	20	34	23	10	4	14	4	17	14	13
15	5	5	4	18	28	26	12	10	44	4	16	10	15
16	4	9	4	9	28	11	4	5	22	31	8	8	12
17	3	2	5	6	38	6	46	4	19	1	17	13	13
18	3	2	4	11	30	6	12	15	17	11	27	13	13
19	1	8	4	8	5	10	23	16	5	30	16	15	12
20	3	0	4	6	29	8	26	10	2	14	7	13	10
21	5	1	7	21	15	4	17	30	17	6	9	5	11
22	2	2	7	5	11	3	19	16	16	10	6	14	9
23	2	8	5	12	7	5	20	5	10	4	4	22	9
24	10	1	17	10	1	28	6	0	14	9	4	12	9
MEAN	5	5	6	15	20	12	14	12	14	10	12	12	11

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	3	3	0	0	13	22	10	2	102	4	5	15	15
2	8	7	5	1	35	12	5	2	0	7	17	4	9
3	2	7	5	17	25	10	8	16	1	24	9	2	10
4	3	5	7	18	31	7	6	18	1	7	8	8	10
5	4	2	2	22	10	5	21	20	3	11	12	1	9
6	6	1	4	7	14	8	14	16	4	6	8	4	8
7	3	4	1	7	8	7	20	20	9	4	8	2	8
8	1	5	3	5	3	2	11	4	3	1	6	1	4
9	2	5	2	2	9	6	3	6	35	8	9	5	8
10	0	4	2	1	14	10	1	15	16	9	6	2	7
11	5	5	5	2	17	4	3	15	16	2	8	1	7
12	6	8	2	4	18	2	16	16	6	12	17	1	9
13	6	31	6	7	26	9	18	16	13	7	5	1	12
14	4	8	2	19	20	19	4	8	29	10	14	5	12
15	1	3	1	13	37	13	4	5	55	4	21	7	14
16	4	2	5	7	25	5	12	8	35	15	9	7	11
17	7	2	5	1	11	5	18	3	31	3	14	5	9
18	7	1	3	4	18	4	24	11	17	10	12	12	10
19	3	4	7	4	7	7	7	14	7	5	19	11	8
20	6	6	3	4	12	10	10	18	5	5	13	0	8
21	3	2	4	5	13	4	11	13	12	10	5	2	7
22	7	2	9	19	7	2	14	22	13	2	8	0	9
23	1	1	4	7	13	2	16	7	21	7	5	0	7
24	9	0	7	0	8	6	8	2	12	1	1	0	4
MEAN	4	5	4	7	16	8	11	12	19	8	10	4	8

ROOSEVELT ROADS*

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	7	6	2	6	18	4	5	18	16	5	6	4	8

* AT ROOSEVELT ROADS ONLY TOTAL DAILY RAINFALL WAS RECORDED.

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	2	2	3	8	45	14	5	10	70	17	5	15	16
2	4	3	4	8	30	14	7	5	0	7	14	9	9
3	7	12	1	36	14	32	8	13	5	6	6	11	13
4	1	14	3	8	10	8	7	18	2	6	10	10	8
5	2	4	1	7	21	16	13	35	22	7	9	10	12
6	6	1	2	12	23	17	7	6	13	9	7	10	9
7	8	4	0	21	17	14	13	28	12	8	6	8	12
8	2	7	1	9	17	5	37	16	0	6	2	8	9
9	6	6	4	15	26	26	12	21	33	12	11	6	15
10	6	4	2	5	23	11	17	18	9	1	7	2	9
11	19	1	4	19	20	7	10	6	20	9	6	8	11
12	22	1	7	8	8	12	17	11	26	1	2	7	10
13	7	2	7	17	16	23	8	6	85	4	15	7	16
14	6	11	1	30	32	29	13	5	9	55	6	33	19
15	28	24	1	24	20	10	12	3	58	26	7	11	19
16	6	1	5	28	14	2	2	3	35	30	5	12	12
17	8	8	7	24	15	4	11	15	21	10	18	6	12
18	3	6	4	40	22	2	24	19	13	12	10	9	14
19	2	16	6	26	13	6	23	15	18	10	12	10	13
20	3	1	6	10	2	13	1	16	6	13	4	17	8
21	7	8	9	4	5	0	3	28	22	11	1	6	9
22	4	11	4	17	8	0	7	12	12	8	3	6	8
23	4	2	1	18	4	1	16	15	16	10	8	12	9
24	5	3	7	14	1	2	23	8	42	2	1	11	10
MEAN	7	6	4	17	17	11	12	14	23	12	7	10	12

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	2	4	2	4	1	2	4	4	7	3	5	13	4
2	5	2	3	4	4	3	2	8	0	1	5	4	3
3	3	2	1	12	9	5	11	11	3	0	9	7	6
4	7	3	1	4	1	0	10	6	31	3	3	3	6
5	7	4	3	3	2	0	2	14	42	2	2	4	7
6	5	2	1	4	2	0	5	7	17	2	1	10	5
7	4	6	0	2	5	1	10	11	11	0	8	6	5
8	2	3	7	0	4	0	4	2	3	1	4	2	3
9	6	8	2	0	1	11	6	1	6	1	3	2	4
10	4	2	3	4	0	7	18	2	3	5	8	3	5
11	2	4	3	10	10	13	10	8	9	3	9	6	7
12	0	7	2	8	35	6	19	14	59	34	3	6	16
13	9	8	3	2	18	19	29	40	35	44	21	0	19
14	1	1	2	24	28	11	22	25	100	10	32	2	22
15	2	1	1	15	20	4	15	21	56	18	8	7	14
16	4	0	21	18	20	18	5	37	60	9	20	13	19
17	5	11	3	7	10	22	6	16	6	5	6	11	9
18	11	2	1	12	3	4	4	8	33	4	12	8	8
19	7	1	3	11	3	4	5	8	2	5	9	12	6
20	3	0	6	19	17	1	6	12	4	1	4	8	7
21	5	2	1	5	0	20	3	23	4	5	4	7	7
22	2	1	3	6	0	6	14	1	1	5	0	7	4
23	1	5	1	15	6	1	16	2	1	2	3	8	5
24	4	0	2	8	9	1	16	5	1	6	10	15	6
MEAN	4	3	3	8	8	7	10	12	21	7	8	7	8

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	10	3	2	0	11	8	14	15	4	4	7	12	8
2	3	2	4	16	15	0	6	4	3	1	2	21	6
3	2	4	3	10	8	12	3	12	2	0	8	3	6
4	7	2	1	10	5	1	4	22	2	4	3	4	5
5	8	2	3	3	7	1	4	20	4	3	8	4	6
6	7	2	0	5	1	0	6	23	7	1	5	11	6
7	5	5	2	1	2	2	6	12	8	4	7	7	5
8	2	2	2	2	1	4	5	37	11	2	4	8	7
9	4	2	2	2	2	12	4	5	5	8	2	1	4
10	6	4	1	3	12	6	6	7	8	3	3	8	6
11	6	17	1	2	21	1	8	8	20	5	4	8	8
12	8	1	0	10	6	8	5	3	7	24	16	4	8
13	2	4	1	22	9	14	1	3	59	25	14	2	13
14	1	3	0	19	12	2	1	1	18	22	10	3	8
15	11	1	7	6	54	9	4	1	8	7	10	3	10
16	2	1	8	3	30	7	1	1	20	15	7	12	9
17	0	0	3	4	7	10	8	3	5	27	5	13	7
18	5	1	0	2	2	5	3	6	3	11	2	7	4
19	4	0	9	4	1	3	1	17	6	9	4	5	5
20	7	0	2	8	3	7	6	8	6	4	6	25	7
21	2	8	2	26	1	11	3	8	2	6	8	4	7
22	2	2	2	23	2	18	4	16	0	10	3	4	7
23	10	2	0	4	4	4	4	15	3	5	1	5	5
24	5	6	3	3	6	2	16	25	1	4	7	6	7
MEAN	5	3	3	8	9	6	5	11	9	8	6	7	7

TABLE 5. AVERAGE MAXIMUM NUMBER OF CONSECUTIVE HOURS WITH RAIN

MONTH	CAPE SAN JUAN	EL YUNQUE	GURABO	CATALINA	FAJARDO	ROOSEVELT ROADS	RIO BLANCO	FORT BUCHANAN	SAN JUAN
JAN	2	7	3	9	4	*	8	3	4
FEB	2	8	4	6	4		5	2	3
MAR	2	20	4	6	3		3	2	4
APR	3	14	5	3	7		6	3	7
MAY	3	8	3	7	10		8	4	10
JUN	2	8	3	11	14		6	4	7
JUL	4	6	6	5	4		6	6	3
AUG	7	11	8	7	7		32	6	7
SEP	-	-	10	-	11		-	4	7
OCT	3	5	-	6	4		7	3	4
NOV	2	12	6	12	6		9	6	6
DEC	3	9	5	9	3		5	5	3

* AT ROOSEVELT ROADS ONLY TOTAL DAILY RAINFALL WAS RECORDED.

TABLE 6. DIURNAL DISTRIBUTION OF MEAN WIND VELOCITY. IN MILES PER HOUR. BASED ONLY ON HOURS WHEN THE WIND WAS BLOWING.

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	11	9	13	15	15	15	19	18	8	12	10	12	13
2	11	10	12	15	15	15	19	18	7	12	10	12	13
3	11	9	12	15	15	15	19	18	8	11	9	12	13
4	10	9	12	15	15	15	19	18	7	11	9	11	13
5	11	9	12	15	15	15	19	18	7	11	10	12	13
6	10	9	12	15	15	14	19	17	7	11	9	11	12
7	11	9	12	15	16	14	19	18	7	11	10	12	13
8	11	10	12	15	16	14	19	18	7	11	10	11	13
9	11	9	13	15	15	15	19	17	7	11	10	12	12
10	11	10	13	15	16	14	19	18	7	11	10	11	13
11	11	9	13	16	17	14	19	18	7	12	10	11	13
12	11	10	13	16	17	16	18	17	7	12	9	12	13
13	11	10	13	15	17	15	19	17	8	12	9	12	13
14	11	10	13	15	16	15	18	17	8	11	9	11	13
15	11	10	13	15	16	15	18	17	7	11	9	11	13
16	11	10	13	15	15	15	18	17	8	12	9	11	13
17	11	10	13	15	15	15	18	17	7	12	9	11	13
18	11	9	12	14	15	14	18	17	8	12	9	12	13
19	10	9	12	15	15	14	17	18	8	12	10	11	13
20	11	10	12	15	15	15	18	18	8	12	10	20	14
21	11	10	12	15	16	15	18	18	8	11	10	12	13
22	11	10	12	10	16	14	19	19	8	12	10	11	13
23	11	9	12	15	16	15	19	18	7	11	10	12	13
24	11	9	12	16	16	14	19	18	8	12	11	12	13
MEAN	11	9	12	15	16	15	18	18	7	11	10	12	13

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	11	10	6	5	15	18	18	14	12	14	13	13	12
2	11	10	6	6	15	19	19	14	12	13	13	14	12
3	11	10	6	18	15	18	18	14	12	13	13	14	13
4	12	10	6	18	15	20	19	14	12	13	13	14	14
5	12	9	6	18	15	22	19	15	11	12	13	13	13
6	12	9	5	19	15	22	18	15	11	13	13	13	14
7	12	10	6	19	15	22	19	16	12	13	13	13	14
8	12	10	6	19	15	21	18	15	11	13	13	14	14
9	11	10	5	17	14	20	18	15	10	12	8	14	14
10	12	10	5	18	14	20	18	14	10	12	12	14	13
11	11	10	5	17	14	20	18	14	10	11	12	13	13
12	10	9	5	17	14	20	17	13	11	11	11	12	12
13	10	9	6	17	14	18	16	13	11	11	11	11	12
14	10	9	6	17	14	19	16	13	10	11	11	11	12
15	10	9	7	17	14	19	16	12	10	11	11	11	12
16	10	9	6	17	14	18	16	12	10	11	11	12	12
17	10	9	6	17	14	17	16	12	11	11	12	11	12
18	10	9	7	17	14	17	16	13	11	12	12	10	12
19	11	9	7	17	14	18	16	13	12	12	13	12	12
20	11	10	7	17	14	18	15	13	12	13	13	12	13
21	11	10	7	17	15	18	16	14	12	13	13	12	13
22	11	10	7	6	15	18	16	12	12	13	14	13	12
23	12	10	6	6	15	18	15	13	12	13	14	13	12
24	12	10	6	5	15	18	17	14	11	13	14	13	12
MEAN	11	9	6	15	14	19	17	14	11	12	12	12	13

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	5	1	2	5	2	2	2	7	7	2	3	1	2
2	5	1	2	5	1	3	2	8	7	2	3	1	2
3	4	1	2	4	3	4	2	5	6	1	3	1	2
4	1	1	2	5	1	3	2	5	5	1	4	1	2
5	1	1	1	5	1	2	2	2	6	2	3	1	2
6	2	1	1	4	1	2	2	2	4	1	3	2	2
7	4	1	1	4	1	1	2	2	4	1	4	1	1
8	1	1	2	4	4	3	2	1	5	2	3	1	2
9	1	1	4	6	6	4	3	2	2	2	2	2	3
10	2	3	5	8	7	6	6	5	2	3	2	3	4
11	3	5	7	9	8	7	7	6	3	5	3	5	6
12	6	6	8	10	9	7	8	6	3	6	4	5	6
13	6	7	8	10	9	8	8	7	4	6	4	6	7
14	6	7	8	11	8	7	8	7	4	6	4	6	7
15	6	7	8	10	8	7	7	6	4	5	4	6	7
16	6	7	8	10	8	7	7	6	4	5	4	15	7
17	5	6	8	9	7	6	7	6	3	4	4	4	5
18	3	5	7	9	6	5	6	5	3	3	2	3	5
19	2	3	5	7	5	5	4	4	7	2	4	2	4
20	1	1	3	6	3	3	3	4	5	2	6	1	2
21	1	1	2	5	3	2	2	13	4	2	1	1	4
22	1	1	2	5	2	2	2	2	6	2	4	2	2
23	1	1	2	5	1	2	3	3	1	2	4	1	2
24	1	1	1	4	1	2	3	4	7	1	2	1	2
MEAN	3	3	4	7	4	4	4	5	4	3	3	3	3

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	2	2	2	3	3	2	3	3	2	3	2	3	2
2	2	2	2	3	3	2	3	3	3	3	2	3	3
3	2	2	2	3	3	2	3	3	3	3	2	3	3
4	2	2	1	3	4	2	3	3	2	3	2	3	2
5	2	2	2	3	3	3	3	4	3	3	2	3	3
6	2	2	2	3	4	2	3	4	3	3	2	3	3
7	2	2	3	4	10	3	4	3	3	3	1	3	4
8	3	2	2	4	4	3	4	3	3	4	2	3	3
9	3	2	3	5	5	3	5	4	4	4	2	3	4
10	2	2	3	5	7	4	5	4	3	4	2	3	4
11	3	3	4	6	5	4	5	4	3	5	3	4	4
12	3	3	4	5	6	4	5	5	4	5	3	4	4
13	3	3	4	5	5	4	5	5	4	5	2	3	3
14	3	4	5	5	5	4	5	4	3	5	3	3	4
15	3	7	4	3	5	4	5	4	3	4	2	4	4
16	3	4	3	4	4	4	4	5	3	4	2	4	4
17	3	3	3	4	5	3	4	3	2	3	2	3	3
18	2	3	2	3	4	3	4	3	3	3	1	3	3
19	2	3	2	3	3	2	3	3	2	3	1	3	3
20	2	3	2	3	3	2	3	3	3	3	1	3	3
21	2	3	2	3	3	2	3	3	3	3	2	3	3
22	2	3	2	3	3	2	3	3	2	3	2	3	3
23	2	3	2	3	3	3	4	3	3	3	2	3	3
24	2	3	2	3	3	2	4	3	3	3	2	3	3
MEAN	2	3	3	4	4	3	4	3	3	3	2	3	3

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	2	1	2	4	4	2	2	1	4	2	1	2	2
2	1	2	2	4	2	2	2	1	1	2	1	2	2
3	2	2	1	4	1	2	3	1	1	2	1	2	2
4	2	2	2	3	1	1	2	1	1	2	2	3	2
5	2	2	1	3	2	1	5	1	1	2	1	2	2
6	1	2	1	3	2	2	2	1	1	2	1	2	2
7	1	2	2	2	3	2	4	1	1	2	1	4	2
8	2	2	2	2	4	2	1	3	1	2	1	2	2
9	3	2	2	5	6	5	4	5	1	2	2	3	3
10	4	4	5	7	6	5	4	5	2	4	3	5	4
11	5	5	6	8	7	6	4	5	2	4	4	6	5
12	6	6	6	8	7	6	5	6	3	4	4	6	6
13	6	6	6	9	7	6	5	7	3	5	4	6	7
14	6	7	6	9	7	6	5	7	3	4	4	6	6
15	6	6	6	8	7	6	5	6	3	4	4	5	6
16	5	5	6	8	6	6	5	5	3	4	3	4	5
17	4	5	5	7	6	6	4	5	2	3	3	4	4
18	3	4	4	7	3	5	4	4	1	2	2	3	4
19	2	2	2	5	5	4	3	3	1	1	1	2	3
20	2	2	2	5	4	3	2	2	1	2	1	3	2
21	2	1	2	5	4	2	2	2	1	1	1	3	2
22	2	1	2	5	4	2	2	2	1	1	1	3	2
23	2	1	2	5	2	2	2	2	1	2	1	2	2
24	2	2	2	5	2	2	2	3	1	2	1	2	2
MEAN	3	3	3	5	4	3	3	3	2	2	2	3	3

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	9	9	8	9	9	9	10	10	8	8	8	8	9
2	8	9	8	10	9	9	9	9	8	7	7	8	8
3	9	9	9	9	8	8	10	9	8	7	7	8	8
4	7	9	9	9	9	8	10	9	9	7	7	8	8
5	8	9	9	9	8	8	10	8	8	8	7	9	8
6	8	9	8	9	9	8	10	9	8	8	7	8	8
7	8	9	9	10	8	10	10	9	9	7	8	7	9
8	8	9	9	11	9	10	11	10	8	8	8	8	8
9	9	11	11	11	10	12	12	11	9	8	7	9	10
10	10	12	11	12	11	12	13	12	9	9	8	9	11
11	11	13	13	12	11	13	13	13	10	9	9	9	11
12	11	12	13	13	12	13	14	13	10	9	9	10	12
13	11	12	13	13	13	14	14	13	10	9	9	10	12
14	11	13	13	13	13	13	14	13	10	9	9	10	12
15	11	12	13	13	13	12	13	12	10	9	9	9	11
16	10	12	12	13	12	13	13	12	10	9	9	10	11
17	9	11	12	11	11	11	13	10	8	8	8	9	10
18	10	10	11	11	9	11	11	10	8	8	7	8	10
19	9	9	9	9	9	10	11	9	8	7	7	2	9
20	8	10	8	9	9	9	11	10	10	7	8	3	9
21	8	9	9	9	9	9	10	10	10	7	7	3	9
22	7	8	9	9	8	9	10	10	9	7	8	3	8
23	8	9	9	9	9	9	11	9	9	7	8	2	9
24	8	8	9	9	9	9	11	9	9	7	8	2	9
MEAN	9	10	10	10	10	10	11	10	9	8	8	7	9

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	1	1	2	2	2	2	2	1	1	1	1	2	2
2	1	1	2	2	2	2	2	1	1	1	1	2	2
3	1	2	1	2	2	2	1	1	1	1	1	1	1
4	1	2	1	2	2	2	1	1	1	1	1	2	1
5	1	2	1	2	2	2	2	1	1	1	1	2	1
6	1	2	1	2	2	3	2	1	1	1	1	1	2
7	1	2	1	2	2	3	1	1	1	1	1	2	2
8	1	2	1	2	1	2	1	2	1	1	1	2	1
9	2	2	2	3	2	3	2	2	1	1	1	1	2
10	2	3	2	3	3	3	2	3	1	2	2	2	2
11	3	3	3	4	3	4	2	3	2	2	2	2	3
12	3	3	3	4	3	4	3	3	2	3	2	2	3
13	4	3	3	4	3	4	3	3	2	2	2	3	3
14	4	4	3	4	3	4	3	3	2	2	2	3	3
15	3	3	3	3	3	4	3	3	2	2	2	2	2
16	3	3	3	3	2	4	3	2	2	1	2	2	2
17	3	3	3	3	3	3	3	2	2	1	1	2	2
18	2	2	2	3	2	2	2	1	1	1	1	1	2
19	2	1	2	2	2	2	1	1	1	1	1	2	2
20	2	1	1	2	2	2	1	1	1	1	1	1	1
21	2	2	1	2	3	2	1	1	1	1	1	1	1
22	2	2	1	2	2	2	1	1	1	1	1	2	2
23	1	2	1	3	2	3	1	1	1	2	1	1	1
24	1	2	2	2	2	2	1	1	1	2	1	1	1
MEAN	2	2	2	3	2	2	2	2	1	1	1	2	2

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	3	3	3	4	4	4	3	3	3	2	3	3	3
2	3	3	3	4	4	3	3	2	3	2	3	3	3
3	3	3	4	4	4	4	2	3	3	2	3	3	3
4	3	3	4	3	4	4	3	3	3	2	3	3	3
5	3	3	3	4	3	3	3	3	3	3	3	4	3
6	3	3	4	4	3	3	2	3	3	3	3	3	3
7	3	3	4	4	3	2	3	3	3	2	3	3	3
8	3	3	4	4	4	4	4	3	3	3	3	3	3
9	3	3	4	5	2	5	6	5	4	3	3	3	4
10	4	5	7	6	2	6	7	5	5	5	5	5	5
11	5	6	7	6	2	7	7	7	5	6	6	6	6
12	6	5	8	7	2	7	9	7	6	7	6	7	6
13	6	6	9	8	2	8	9	7	6	7	7	7	7
14	7	7	9	8	4	8	10	8	6	7	7	7	7
15	7	7	10	8	4	8	9	7	6	7	7	7	7
16	7	7	10	8	5	7	9	7	6	7	6	7	7
17	6	7	9	8	4	7	8	7	5	6	6	6	7
18	5	6	9	7	4	7	8	6	5	5	4	5	6
19	4	5	8	6	4	6	7	5	4	3	3	4	5
20	3	4	6	5	4	5	6	4	3	3	3	3	4
21	3	3	5	4	4	4	4	4	3	3	2	3	4
22	3	3	4	4	4	4	4	3	3	3	3	2	3
23	3	3	4	4	4	3	3	3	3	2	3	3	3
24	3	3	3	4	3	3	3	3	3	3	2	3	3
MEAN	4	4	6	5	3	5	5	5	4	4	4	4	4

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	6	6	6	6	5	6	6	6	6	5	6	7	6
2	6	6	6	6	5	6	6	6	6	4	6	7	6
3	6	7	6	6	5	5	5	6	5	5	6	6	5
4	6	6	6	6	6	6	6	6	5	5	6	7	6
5	6	7	6	5	5	6	6	6	5	5	5	7	6
6	6	9	7	5	5	5	5	6	5	5	6	7	6
7	7	5	6	6	5	6	6	6	5	5	6	6	6
8	6	6	6	6	6	7	7	8	6	6	5	7	6
9	7	8	8	8	8	10	10	10	8	7	6	7	8
10	8	10	10	10	10	11	11	11	9	8	9	7	9
11	9	11	12	11	11	12	12	12	10	9	9	10	10
12	9	13	13	11	11	13	13	13	11	10	9	11	11
13	11	13	13	12	11	13	13	13	11	10	10	11	12
14	10	12	14	12	12	13	13	14	11	10	10	11	12
15	10	13	13	11	11	12	13	13	11	10	9	11	11
16	10	12	13	10	11	11	12	13	10	9	10	10	11
17	9	12	12	10	10	11	12	12	9	9	8	9	10
18	7	10	11	9	9	10	11	11	8	7	7	8	9
19	7	9	9	8	8	9	9	9	7	5	6	7	8
20	7	8	8	7	7	8	8	8	7	6	6	10	8
21	6	6	7	6	6	7	7	8	5	6	5	6	6
22	7	7	9	7	6	7	7	7	5	5	5	6	6
23	4	7	6	6	6	6	6	7	6	6	7	6	6
24	5	7	6	6	6	6	7	7	5	6	5	7	6
MEAN	7	9	9	8	8	8	9	9	7	7	7	8	8

TABLE 7. DIURNAL DISTRIBUTION OF MEAN WIND VELOCITY, IN MILES PER HOUR. BASED ON TOTAL HOURS.

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	9	9	10	15	13	12	16	13	7	11	6	10	11
2	9	9	10	15	13	8	16	13	7	11	5	10	9
3	9	9	11	14	13	15	16	14	7	10	5	10	11
4	9	8	11	14	13	11	15	13	7	10	5	10	10
5	9	9	10	15	13	11	15	12	7	9	5	10	10
6	9	9	11	15	13	10	15	12	7	10	5	10	11
7	9	9	10	15	13	13	15	13	7	10	5	10	11
8	9	10	10	15	13	10	15	12	7	9	5	10	10
9	9	9	11	15	13	10	15	12	7	10	5	10	10
10	9	9	11	15	13	10	15	13	8	10	5	10	10
11	9	9	11	15	13	11	14	12	7	10	5	10	10
12	10	10	11	14	13	12	14	12	7	10	5	10	10
13	9	10	11	15	13	12	15	12	8	11	5	10	11
14	10	9	11	14	14	12	15	13	7	11	5	10	11
15	9	10	12	14	14	13	15	14	7	11	5	10	11
16	10	10	11	14	14	13	14	14	8	11	6	11	11
17	10	10	11	14	14	13	15	14	7	11	6	11	11
18	10	9	11	14	13	12	16	14	7	11	5	11	11
19	10	9	11	14	13	13	15	14	8	11	6	11	11
20	10	10	11	15	13	13	15	13	7	11	6	10	11
21	10	10	11	14	14	12	16	13	8	10	6	11	11
22	10	9	11	10	14	12	16	14	7	11	6	11	10
23	10	9	11	15	14	12	16	14	7	11	6	11	10
24	10	9	11	15	14	12	16	13	7	11	6	11	10
MEAN	10	9	11	14	13	12	15	13	7	10	5	10	10

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	11	9	4	9	12	15	14	11	12	14	9	9	11
2	11	9	4	9	12	15	15	11	12	13	8	9	11
3	11	9	4	9	12	15	14	11	12	13	9	9	11
4	11	9	4	9	12	16	15	11	12	13	9	9	11
5	11	8	4	9	12	18	15	11	11	12	9	9	11
6	11	8	4	9	12	18	14	12	11	13	8	9	11
7	11	9	4	10	12	18	14	12	12	13	9	9	11
8	11	9	4	9	12	18	14	12	11	13	8	10	11
9	11	9	4	9	12	17	13	11	10	12	8	9	11
10	11	9	4	9	10	17	12	10	10	12	8	9	11
11	10	9	4	9	12	16	13	9	10	11	8	9	10
12	10	8	3	8	12	16	13	10	11	11	8	8	10
13	9	9	3	9	12	14	13	11	11	11	8	7	10
14	10	9	3	9	11	15	13	12	10	11	8	8	10
15	10	9	3	10	12	15	13	11	11	11	8	8	10
16	10	9	3	10	13	15	13	11	10	11	9	8	10
17	10	9	3	10	12	14	13	11	11	11	9	6	10
18	10	9	3	10	12	15	12	12	11	12	9	9	11
19	10	9	3	10	12	15	13	11	12	12	10	9	11
20	11	9	4	10	13	15	12	11	12	13	10	9	11
21	11	9	4	10	13	15	12	12	12	13	10	9	11
22	11	10	4	10	13	15	12	11	12	13	10	10	11
23	11	9	4	9	13	15	12	11	12	13	11	10	10
24	11	10	4	9	13	8	12	11	11	13	11	9	10
MEAN	10	9	4	9	12	15	13	11	11	12	9	9	11

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	1	1	1	2	1	3	2	5	1	5	1	2	3
2	1	1	1	2	1	4	3	5	1	4	1	2	3
3	1	1	1	2	2	2	1	3	1	3	1	1	2
4	1	1	1	2	1	4	2	3	1	4	1	2	2
5	1	1	1	2	1	3	3	3	1	2	1	1	2
6	1	1	1	2	1	5	2	4	1	3	1	2	2
7	1	1	2	2	1	2	3	3	1	3	1	2	2
8	1	1	2	2	2	1	3	3	1	2	1	2	2
9	1	1	3	3	2	3	2	2	2	1	1	2	2
10	2	3	4	4	5	5	5	3	2	2	2	2	3
11	3	5	5	6	7	6	5	4	3	3	3	4	4
12	6	6	6	6	7	7	6	5	3	5	4	5	5
13	6	7	6	6	8	7	7	5	3	4	4	6	6
14	6	7	7	6	7	7	7	5	4	5	4	6	6
15	6	7	7	6	6	7	7	7	4	4	4	6	6
16	6	7	7	6	6	6	6	4	4	3	4	5	5
17	5	6	6	5	5	5	6	4	3	3	3	4	5
18	3	5	5	5	4	4	5	3	3	2	2	2	3
19	2	3	4	4	3	3	3	1	1	1	2	2	3
20	1	1	2	3	1	2	1	6	1	3	1	3	3
21	1	1	2	2	2	6	3	1	1	5	1	2	2
22	1	1	2	2	3	2	3	1	1	2	1	1	2
23	1	1	3	2	3	2	1	2	1	2	2	3	2
24	1	1	1	2	1	3	1	1	1	2	2	2	2
MEAN	2	3	3	3	3	4	4	3	2	3	2	3	3

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	2	2	3	2	1	1	3	2	2	1	1	1	2
2	2	2	3	2	1	1	2	2	2	2	2	1	2
3	2	2	3	2	1	1	2	2	2	1	1	1	2
4	2	3	3	2	1	1	2	2	2	1	1	1	2
5	2	3	3	2	1	1	2	2	2	1	1	1	2
6	2	3	3	2	2	1	3	2	2	1	1	1	2
7	2	3	4	2	3	1	3	2	2	2	2	1	2
8	2	3	3	3	2	2	3	3	3	2	2	1	2
9	2	2	4	3	2	2	4	3	3	2	2	1	2
10	1	3	4	4	3	2	4	3	3	2	2	1	3
11	2	3	3	4	3	2	4	3	3	2	2	2	3
12	2	4	3	4	4	3	5	3	3	3	3	2	3
13	2	5	3	4	3	3	5	3	3	3	3	2	3
14	2	6	3	4	4	3	5	3	3	2	2	2	3
15	2	7	5	3	3	3	4	4	3	2	2	2	3
16	2	4	5	4	3	3	4	3	3	2	2	2	3
17	2	3	4	3	3	2	4	2	2	2	2	2	3
18	2	3	4	3	2	2	3	2	2	1	1	2	2
19	2	3	3	2	2	1	3	2	2	1	1	1	2
20	2	3	3	2	1	1	2	2	2	1	1	1	2
21	1	3	3	2	1	1	2	2	2	1	1	1	2
22	1	3	3	2	1	1	3	2	2	1	1	1	2
23	1	3	3	2	1	1	2	2	2	1	1	1	2
24	1	3	3	2	1	1	3	2	2	1	1	1	2
MEAN	2	3	3	3	2	2	3	2	2	1	1	1	2

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	1	1	1	1	1	1	1	1	1	2	1	1	1
2	1	1	1	1	1	1	1	1	1	2	1	1	1
3	1	1	1	1	1	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	2	1	1	1
7	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	1	2	1	2	2	2	2
9	2	2	2	2	1	1	2	4	2	2	2	2	2
10	4	4	4	2	2	1	1	4	2	3	3	3	2
11	5	4	5	2	2	1	1	5	1	4	3	3	3
12	6	5	5	3	3	1	2	3	1	4	3	3	3
13	6	5	5	4	4	1	2	4	1	5	4	4	3
14	6	6	5	5	4	1	2	4	1	4	3	3	4
15	5	5	6	5	3	1	3	4	1	4	3	3	4
16	5	5	6	6	3	1	4	3	1	4	3	3	4
17	4	4	5	5	2	1	3	3	1	3	2	2	3
18	3	3	4	4	1	1	3	3	1	2	2	2	2
19	1	2	2	3	1	1	1	1	1	1	1	1	1
20	1	1	1	2	1	1	1	1	1	1	1	1	1
21	1	1	2	2	1	1	1	1	1	1	1	1	1
22	1	1	1	2	1	1	1	1	1	1	1	1	1
23	1	1	1	2	1	1	1	1	1	2	2	2	1
24	1	1	1	2	1	1	1	1	1	2	1	1	1
MEAN	2	3	3	3	2	1	2	2	1	2	2	2	2

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	6	7	8	9	8	9	10	9	5	15	5	6	8
2	6	8	8	9	8	9	9	9	5	15	4	5	8
3	6	9	8	8	8	8	10	8	4	4	4	5	7
4	7	8	9	7	8	8	10	9	4	4	4	5	7
5	7	8	8	8	8	8	9	8	4	5	6	5	7
6	8	9	8	8	8	8	9	8	4	4	4	5	7
7	7	9	8	8	7	9	9	8	4	4	4	6	7
8	8	9	9	10	9	10	11	10	6	5	8	5	8
9	8	10	11	11	10	12	12	11	7	7	9	8	10
10	10	12	11	12	11	12	13	12	9	8	8	9	10
11	11	13	13	13	12	13	13	12	9	8	8	8	10
12	11	12	13	13	12	13	14	12	10	9	9	10	11
13	10	12	13	13	13	12	14	13	9	9	8	10	11
14	11	13	13	13	13	12	14	13	10	9	9	10	11
15	11	12	13	13	12	12	13	13	10	9	9	9	11
16	11	11	13	13	12	12	13	12	9	9	8	10	11
17	11	11	12	12	11	11	13	12	8	8	7	8	10
18	9	10	11	10	9	11	11	10	6	6	6	7	9
19	8	9	9	9	9	10	10	9	5	5	6	7	9
20	7	10	8	9	9	9	10	9	5	5	4	6	8
21	7	8	8	9	8	9	10	10	5	4	5	6	8
22	6	7	8	9	8	8	9	10	5	5	6	6	7
23	7	8	8	9	9	8	10	9	5	4	5	6	8
24	7	8	7	9	9	9	10	9	5	4	4	5	7
MEAN	8	10	10	10	10	10	11	10	6	7	6	7	9

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	1	1	1	2	1	1	1	1	1	1	1	2	1
2	1	1	2	2	1	1	1	1	1	1	1	1	1
3	1	1	1	2	1	1	1	1	1	1	1	1	1
4	1	1	1	2	1	1	1	1	1	1	1	1	1
5	1	1	1	2	1	1	1	1	1	1	1	2	1
6	1	1	1	2	1	1	1	1	1	1	1	1	1
7	1	1	1	2	1	1	1	1	1	1	1	1	1
8	1	1	1	2	1	1	1	2	1	1	1	1	1
9	1	2	1	1	1	2	2	2	1	1	1	1	1
10	2	3	2	2	1	2	2	3	1	1	1	2	2
11	3	3	3	2	1	2	2	3	1	1	1	2	2
12	3	3	3	2	1	2	2	3	2	2	2	2	2
13	4	3	3	2	1	2	2	3	2	2	2	3	2
14	4	4	3	2	1	2	2	3	2	2	2	3	2
15	3	3	3	2	1	2	2	2	2	2	2	2	2
16	3	3	3	1	1	2	2	2	2	2	2	2	2
17	3	3	3	1	1	2	2	1	1	1	1	2	2
18	2	2	2	1	1	1	1	1	1	1	1	1	1
19	2	1	1	1	1	1	1	1	1	1	1	1	1
20	2	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	1	1	1	1	1	1	1

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	3	3	2	3	1	5	2	2	3	2	2	2	2
2	3	3	1	3	1	5	2	1	3	2	2	2	2
3	3	3	2	3	1	5	1	2	3	3	2	2	2
4	3	3	2	3	1	5	3	1	3	2	2	2	2
5	3	3	2	3	1	5	2	1	3	2	2	2	2
6	3	3	2	3	1	2	1	2	3	2	2	3	2
7	3	3	2	3	1	1	1	1	3	2	2	2	2
8	3	3	2	3	2	2	2	1	3	2	2	2	2
9	3	3	2	4	2	3	5	2	3	3	3	2	3
10	4	5	3	5	2	5	6	3	4	4	4	4	3
11	5	6	4	6	3	6	7	5	5	5	5	5	6
12	6	5	4	7	3	7	8	5	5	6	6	6	6
13	6	6	5	8	3	7	8	5	6	6	6	6	6
14	7	7	5	7	3	7	9	5	6	6	6	6	6
15	7	7	5	7	2	7	9	5	5	6	6	6	6
16	7	7	5	6	1	6	8	5	5	6	5	5	6
17	6	7	5	7	1	6	7	5	5	5	5	5	6
18	5	6	5	6	1	6	7	4	4	5	4	4	5
19	4	5	4	5	1	5	6	3	3	5	3	3	4
20	3	4	3	4	1	4	5	3	3	2	2	3	3
21	3	3	2	3	1	3	3	3	3	2	1	2	2
22	3	3	2	3	1	2	3	1	3	3	2	2	2
23	3	3	2	2	1	2	2	1	3	3	2	2	2
24	3	3	1	3	1	2	2	1	3	3	1	2	2
MEAN	4	4	3	4	1	4	4	3	4	4	3	3	3

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	3	5	4	4	1	5	6	6	4	4	3	5	4
2	3	4	5	4	1	4	5	6	4	2	3	4	4
3	3	5	3	3	2	4	5	6	3	3	3	4	4
4	3	4	4	3	1	4	5	6	3	3	3	4	4
5	3	4	4	3	1	4	4	6	3	3	2	4	4
6	3	4	4	2	1	4	4	6	4	3	2	5	4
7	3	5	4	3	1	4	4	5	3	2	2	4	4
8	2	4	5	4	2	6	6	8	5	3	2	5	4
9	4	3	7	8	2	9	9	10	6	6	5	6	7
10	7	6	10	10	5	11	11	11	9	8	9	6	9
11	8	10	12	11	7	12	12	12	10	9	9	9	10
12	9	11	13	11	7	13	13	13	11	9	9	11	11
13	11	13	13	12	8	13	13	13	11	10	10	11	10
14	10	13	14	12	7	13	13	14	11	10	9	11	11
15	10	12	13	11	6	12	13	13	11	9	9	11	11
16	10	13	13	10	6	11	12	13	10	9	9	10	11
17	9	12	12	10	5	11	11	12	9	9	8	9	10
18	7	12	11	9	4	10	11	11	8	6	7	8	9
19	6	10	9	7	3	9	9	9	7	5	5	7	9
20	6	9	8	7	1	7	8	8	6	5	5	10	8
21	4	7	7	5	2	7	7	8	4	4	3	6	5
22	4	5	9	5	3	6	6	7	4	4	4	5	5
23	2	6	5	5	3	5	6	7	4	3	3	5	5
24	2	6	5	4	1	5	7	7	4	3	2	5	4
MEAN	5	8	8	7	3	8	8	9	6	5	5	7	7

TABLE 8. PERCENTAGE OF HOURS WHEN WIND VELOCITY IS AT OR ABOVE DESIGNATED MILES PER HOUR

MILES/HR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					CAPE SAN JUAN								
30						2	3	2					2
25			1	7	10	2	23	12		1			8
20	1		17	32	33	9	26	50		10	1	5	18
15	14	12	32	54	60	53	57	75	1	24	9	25	35
10	62	52	65	81	86	89	92	94	23	56	41	67	67
5	96	90	95	97	97	100	99	98	85	95	86	96	94
					EL YUNQUE								
30				6			3		1				3
25	1		2	28	1	7	11		2	1		2	6
20	10	25	14	43	6	24	35	50	5	3	9	10	19
15	25	38	34	55	53	75	65	35	18	29	39	32	41
10	56	69	63	79	90	97	91	91	59	79	68	73	76
5	96	96	94	97	98	99	100	99	97	99	93	97	97
					GURABO								
30													
25													
20													
15			1	7	4								4
10	2	5	12	28	15	6	11	5		1		1	9
5	24	27	46	57	38	36	35	25	10	18	14	24	29

MILES/HR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CATALINA													
30													
25													
20													
15													
10				4	3		1		1			1	2
5	6	15	20	39	32	23	38	29	11	R	5	14	21
FAJARDO													
30													
25													
20													
15				1									1
10	2	1		11	6	4		4		1	1	2	3
5	2	26	31	70	37	28	23	35	3	17	15	36	27
ROOSEVELT ROADS													
30													
25													
20	2	1	1				1	5	2				2
15	12	12	8	6	8	5	10	24	8	6	6	6	9
10	45	58	51	46	44	40	47	59	29	31	29	38	43
5	80	90	87	85	89	82	89	89	62	72	71	77	81

MILES/HR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RIO BLANCO													
30													
25													
20													
15						2							2
10						3							3
5	3	5	11	13	4	6	1	1	1	1	2	3	4
FORT BUCHANAN													
30													
25													
20													
15				1		2							1
10	4	6	10	12		13	17	9		4	1	2	8
5	44	44	49	52	25	46	50	42	24	35	34	41	40
SAN JUAN													
30													
25		1											1
20		1	1										1
15	8	10	9	5	3	7	9	9	3	2	1	4	6
10	39	41	40	35	33	40	45	46	29	26	26	31	36
5	79	74	76	73	26	78	83	89	69	65	65	69	70

TABLE 9. DIURNAL DISTRIBUTION OF MEAN RELATIVE HUMIDITY, IN PERCENT

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	87	87	86	84	88	86	89	87	89	86	87	90	87
2	87	88	87	85	88	86	88	88	88	88	87	90	88
3	86	88	86	85	88	86	88	88	88	87	87	89	87
4	86	88	87	85	88	86	89	80	89	88	87	89	87
5	87	87	86	85	88	86	89	87	89	87	88	88	87
6	37	87	86	85	88	86	88	87	89	88	88	89	87
7	84	85	83	82	83	81	83	84	84	85	£4	88	84
8	78	78	78	79	80	78	80	79	81	83	80	85	80
9	73	72	73	77	78	76	77	77	79	80	77	80	77
10	71	68	70	75	77	75	76	75	77	78	74	79	75
11	68	65	68	74	76	74	76	74	76	77	73	77	73
12	68	64	68	75	77	73	75	74	74	77	72	78	73
13	69	65	68	74	77	72	74	76	73	76	73	77	73
14	69	66	69	76	78	74	74	77	74	78	75	78	74
15	72	69	72	76	79	76	77	80	78	79	78	80	76
16	79	72	75	78	80	78	80	83	82	83	81	83	80
17	84	80	80	81	82	80	83	85	85	86	84	87	83
18	86	84	84	84	85	83	87	87	88	87	85	89	86
19	87	86	86	83	86	84	88	88	87	87	86	90	86
20	86	86	86	84	87	84	89	88	88	86	86	89	87
21	87	86	86	84	87	85	88	88	86	85	85	90	86
22	87	86	86	85	87	85	88	88	87	87	85	90	87
23	88	86	86	85	87	85	89	88	89	87	86	90	87
24	87	88	86	85	88	85	89	89	88	88	86	90	87
MEAN	81	80	80	81	83	81	84	84	84	84	82	86	82

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	99	97	100	100	99	99	98	100	99	100	99	99	99
2	99	98	100	100	99	99	98	100	99	99	99	99	99
3	99	97	100	100	99	99	98	100	100	99	99	99	99
4	99	97	100	100	100	99	98	100	100	99	98	99	99
5	99	97	100	100	99	99	98	100	100	99	98	99	99
6	99	97	100	100	99	99	98	100	97	99	98	99	99
7	99	97	100	100	99	99	98	100	98	99	98	98	99
8	99	97	99	99	99	99	98	100	97	99	97	98	98
9	99	95	99	99	99	98	97	99	96	98	97	98	98
10	98	94	98	99	98	98	97	99	96	97	96	98	97
11	97	91	97	98	98	97	96	97	96	96	96	97	96
12	96	91	97	98	97	96	95	97	96	95	96	97	96
13	35	92	96	96	97	95	96	96	98	96	97	97	96
14	96	92	96	96	98	96	96	97	97	97	97	97	96
15	97	92	97	96	98	96	97	97	98	98	98	98	97
16	98	94	98	97	98	98	97	98	98	98	99	98	97
17	99	96	99	97	98	98	98	99	99	99	99	98	98
18	99	96	100	99	99	98	98	99	99	99	99	99	99
19	99	97	100	99	99	98	98	99	98	99	99	100	99
20	98	97	99	100	99	98	98	99	98	99	99	99	98
21	98	96	99	100	99	98	99	100	98	99	99	99	99
22	99	97	100	100	100	98	99	99	98	100	99	99	99
23	99	97	100	100	99	98	98	100	98	99	99	99	99
24	99	97	99	100	98	99	98	99	98	99	99	99	99
MEAN	98	96	99	99	99	98	98	99	98	98	98	98	98

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	99	99	98	98	94	95	98	99	100	99	99	99	98
2	99	100	99	98	94	95	98	99	100	99	99	99	99
3	99	100	99	98	94	95	98	99	99	99	99	99	98
4	99	100	99	98	94	95	98	99	100	99	99	99	99
5	99	99	99	98	94	95	98	99	99	99	99	98	98
6	99	99	99	98	94	95	98	99	100	99	99	98	98
7	99	100	99	95	93	94	97	98	100	98	99	98	98
8	99	100	96	87	87	90	92	94	98	93	97	96	95
9	97	93	78	70	76	78	82	80	86	82	83	86	83
10	90	74	66	64	70	72	75	71	76	76	73	74	74
11	82	63	60	60	67	67	72	68	72	72	68	67	68
12	78	59	58	60	64	67	71	65	73	72	68	65	67
13	75	58	56	61	64	65	70	65	74	72	69	67	66
14	76	61	55	62	63	68	69	68	75	73	70	67	67
15	77	63	57	64	65	68	71	70	75	75	73	69	69
16	79	69	59	66	71	73	74	72	78	78	78	72	72
17	83	77	64	69	75	76	79	76	85	86	86	79	78
18	90	90	72	74	78	82	84	84	94	94	94	88	86
19	97	96	84	84	89	91	91	93	99	98	98	95	93
20	99	98	90	90	87	94	96	97	99	98	99	97	96
21	99	99	94	94	87	95	97	98	99	99	99	98	97
22	99	99	97	96	94	95	97	99	100	99	99	98	98
23	99	99	98	96	94	95	98	99	100	99	99	98	98
24	99	99	99	98	94	95	98	99	100	99	99	98	98
MEAN	92	86	82	82	79	85	87	87	91	90	90	88	87

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	93	91	91	92	92	96	98	97	95	97	97	92	94
2	93	92	92	93	92	97	98	98	95	97	98	92	95
3	93	92	92	94	92	96	98	97	94	97	98	92	95
4	93	92	92	94	93	96	98	97	96	98	98	92	95
5	93	93	92	95	93	96	98	98	96	98	98	92	95
6	93	93	92	94	92	96	98	97	96	98	98	92	95
7	93	92	91	90	89	93	96	95	94	96	96	91	93
8	90	89	86	84	85	88	91	91	92	92	93	88	89
9	85	82	78	78	83	83	86	86	91	87	86	83	84
10	80	77	73	73	81	81	82	82	90	84	83	81	81
11	77	72	69	72	81	79	79	80	89	80	82	78	78
12	75	70	67	72	81	77	78	78	88	79	80	78	77
13	74	69	66	73	82	77	77	78	86	80	81	77	77
14	76	69	67	73	82	76	79	79	85	81	83	78	77
15	76	70	67	76	85	78	81	82	86	84	86	80	79
16	80	71	69	77	86	81	83	85	90	87	90	82	82
17	85	75	74	80	86	84	88	89	91	92	95	88	86
18	90	82	80	86	89	90	93	95	93	96	97	90	90
19	92	88	87	90	91	93	96	97	94	97	97	92	93
20	92	90	90	91	92	94	97	97	95	97	97	92	94
21	92	91	90	92	92	94	98	97	94	97	97	91	94
22	92	91	91	92	92	95	98	97	94	97	97	92	94
23	93	91	91	91	92	96	97	97	95	97	97	92	94
24	93	91	92	91	92	96	98	97	95	97	98	92	94
MEAN	37	84	82	85	88	89	91	91	92	92	92	87	88

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	99	99	98	96	97	97	96	98	100	97	96	96	97
2	99	99	98	97	98	97	96	98	100	97	97	95	98
3	99	99	98	97	97	97	97	97	100	97	97	95	98
4	100	99	98	98	98	97	97	98	99	98	97	95	98
5	99	99	98	98	98	98	97	99	99	97	98	95	98
6	99	100	99	98	98	97	97	98	100	97	98	95	98
7	98	100	95	93	89	90	90	94	98	94	95	94	94
8	96	97	90	84	81	81	82	85	94	86	87	89	88
9	88	82	83	76	77	76	78	78	82	77	79	78	80
10	79	74	77	74	75	74	74	76	80	74	74	74	75
11	77	68	74	71	73	72	72	74	75	72	73	72	73
12	74	68	73	72	74	73	72	72	76	71	72	71	72
13	74	68	72	70	76	73	73	73	76	72	72	70	72
14	75	69	73	72	76	72	72	73	73	73	75	72	73
15	77	74	75	75	79	74	75	76	77	75	79	74	76
16	81	75	80	76	81	76	78	78	83	80	82	77	79
17	89	81	85	80	83	80	81	84	88	87	89	83	84
18	96	90	92	88	88	84	87	89	98	94	93	90	91
19	97	97	97	93	93	91	93	96	99	96	95	93	95
20	98	99	98	96	96	94	95	97	100	96	96	93	96
21	98	99	98	96	96	95	95	97	100	97	96	93	97
22	99	99	98	96	97	95	96	98	100	97	96	93	97
23	99	99	98	96	97	95	96	97	100	97	96	94	97
24	98	99	98	96	98	96	96	98	100	97	96	95	97
MEAN	91	89	90	87	88	86	87	88	91	88	89	86	88

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	81	81	80	82	82	82	81	80	88	84	80	81	82
2	81	82	81	82	82	83	81	82	88	84	80	81	82
3	81	82	81	83	84	83	81	81	88	84	81	80	82
4	82	83	81	83	83	83	80	81	88	86	81	80	83
5	81	83	82	83	83	83	82	81	88	86	84	80	83
6	82	82	82	83	82	83	82	81	88	86	84	80	83
7	80	82	82	82	81	82	80	83	87	86	83	80	82
8	80	79	77	76	78	76	76	78	82	83	80	77	78
9	74	74	70	72	74	72	72	76	76	78	73	72	74
10	68	71	67	68	73	71	70	73	74	74	70	69	71
11	65	68	64	66	72	68	68	71	72	72	68	67	68
12	65	67	64	65	70	68	68	70	70	71	68	66	68
13	65	65	63	64	68	68	67	70	70	71	67	65	67
14	64	66	62	65	68	68	65	69	69	72	68	64	67
15	65	66	63	65	69	70	65	70	70	74	69	65	68
16	67	67	65	68	70	70	68	71	73	74	70	67	69
17	69	68	67	69	71	72	70	72	75	76	72	68	71
18	71	72	70	72	74	73	73	76	78	79	76	72	74
19	75	76	74	76	77	77	76	79	81	81	79	74	77
20	76	77	76	78	80	80	80	82	84	83	81	77	80
21	78	78	77	79	81	81	80	83	85	83	80	77	80
22	79	78	78	80	81	81	81	83	85	83	81	78	81
23	80	79	78	80	81	82	80	83	86	84	81	79	81
24	80	80	79	81	82	82	81	82	86	85	82	79	82
MEAN	75	75	74	75	77	77	75	76	80	79	76	74	76

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	99	96	97	97	97	96	96	97	96	97	98	98	97
2	99	96	97	97	97	97	96	98	96	98	98	98	97
3	99	97	97	97	97	98	96	97	96	98	98	97	97
4	99	97	97	98	97	97	96	98	96	97	99	97	97
5	99	97	97	98	98	98	96	98	97	98	99	97	97
6	99	97	98	99	98	98	97	98	98	97	99	98	98
7	99	97	96	97	97	95	96	96	97	97	98	98	97
8	98	95	92	90	90	88	89	92	94	90	95	96	92
9	86	80	76	78	79	78	77	82	82	79	79	80	80
10	76	72	69	70	76	73	73	77	75	73	72	75	73
11	73	69	66	69	74	69	69	72	74	70	70	70	70
12	72	67	63	70	71	69	68	69	72	69	70	69	69
13	71	66	62	69	72	70	69	68	73	69	71	69	69
14	73	67	62	70	73	69	70	69	73	70	71	70	70
15	74	68	63	72	75	72	69	72	74	73	76	73	72
16	76	71	65	74	78	73	73	73	78	77	79	77	74
17	84	76	70	78	81	76	75	77	81	84	86	84	79
18	93	86	78	85	85	81	80	82	86	92	95	94	86
19	97	95	88	93	92	90	88	91	92	96	97	96	93
20	98	96	93	96	95	94	91	94	94	96	98	97	95
21	98	96	95	96	96	95	93	96	95	97	98	98	96
22	98	96	96	96	96	95	94	96	96	96	98	98	96
23	99	96	97	96	97	96	95	96	96	96	97	98	97
24	99	96	96	97	98	97	95	97	96	97	98	98	97
MEAN	90	86	84	87	88	86	85	87	88	88	89	88	87

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	98	99	97	95	97	98	98	98	99	98	98	96	98
2	98	99	97	95	98	99	98	99	98	98	98	97	98
3	98	99	97	95	98	98	98	98	99	98	98	97	98
4	98	99	97	95	98	98	98	98	99	98	98	97	98
5	98	99	97	95	98	98	98	98	100	98	98	97	98
6	98	99	97	94	98	98	98	98	100	98	98	97	98
7	97	97	96	91	91	91	92	95	97	95	96	96	94
8	92	91	89	85	84	81	81	84	86	88	87	93	87
9	79	76	74	75	76	73	77	76	76	79	77	83	77
10	71	68	66	70	69	71	73	72	69	74	72	76	71
11	67	64	61	69	69	67	73	71	69	72	71	73	69
12	66	62	60	68	72	65	73	71	71	72	72	70	68
13	67	63	61	69	74	66	71	73	72	74	73	71	70
14	67	62	61	71	74	67	72	78	73	74	75	72	70
15	69	63	62	71	76	67	74	76	76	76	77	74	72
16	70	64	65	74	74	70	76	78	80	77	79	77	74
17	77	70	68	79	79	75	79	81	84	82	84	82	78
18	84	76	75	83	83	79	83	86	90	87	90	88	82
19	90	87	84	88	88	87	89	91	94	92	93	92	90
20	93	91	89	90	91	92	93	94	96	95	95	95	93
21	95	96	92	91	94	95	96	95	96	96	96	96	95
22	96	97	94	92	96	96	96	97	98	97	97	97	96
23	97	98	95	92	97	97	97	98	99	97	97	97	97
24	98	99	97	93	98	98	98	98	99	97	98	98	98
MEAN	86	84	82	84	88	84	87	88	88	88	88	88	86

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	88	86	86	85	87	86	86	88	88	89	89	87	87
2	89	86	86	86	87	87	86	88	89	89	90	88	88
3	90	88	87	87	88	88	88	88	90	89	90	89	89
4	90	88	88	88	89	89	88	89	90	91	91	89	89
5	91	88	88	88	90	89	89	90	90	90	91	88	89
6	91	88	89	89	90	90	89	89	90	90	91	89	89
7	91	88	88	88	88	88	87	88	91	91	92	89	89
8	89	86	84	82	81	81	81	84	83	84	87	87	84
9	80	77	71	72	71	71	73	75	73	74	77	78	74
10	73	70	66	67	68	67	69	70	67	69	70	73	69
11	70	66	63	66	67	65	67	69	66	67	67	69	67
12	69	64	61	66	68	64	66	66	67	66	67	68	66
13	68	65	62	66	66	64	66	66	68	66	67	66	66
14	67	63	60	66	66	63	65	67	67	66	67	67	65
15	69	65	62	68	68	64	66	67	68	67	68	68	67
16	39	65	62	68	69	66	66	69	68	69	70	69	68
17	71	66	63	68	70	67	68	70	70	72	72	72	69
18	75	70	67	70	72	70	70	73	74	75	75	76	72
19	79	74	72	76	75	73	74	77	78	80	79	80	76
20	81	76	76	78	,79	77	77	80	80	82	82	81	79
21	83	80	79	81	82	82	80	82	82	84	84	84	82
22	86	81	81	82	83	83	82	84	84	86	85	85	84
23	87	83	83	84	84	84	83	85	86	87	86	86	85
24	88	85	84	84	86	85	85	86	88	87	88	87	86
MEAN	80	77	75	77	78	77	77	79	79	80	80	80	78

SABANA 8

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	78	79	81	83	82	82	83	80	82	75	79	77	80
2	78	80	82	83	82	82	84	81	82	77	79	77	81
3	78	81	82	83	82	82	84	81	82	77	79	78	81
4	78	81	82	83	82	81	84	82	82	78	79	78	81
5	78	82	82	83	82	81	84	82	83	79	79	78	81
6	78	81	80	80	81	78	82	81	82	80	78	78	80
7	77	80	77	76	78	74	79	79	80	79	77	78	78
8	74	76	70	70	73	70	74	74	75	77	74	75	74
9	72	72	67	66	71	68	71	70	72	74	72	73	71
10	67	67	63	63	66	65	67	67	67	71	69	70	67
11	66	67	61	64	66	65	66	65	66	69	67	68	66
12	63	66	60	63	65	64	64	63	64	68	67	67	65
13	64	66	58	63	67	65	66	64	64	67	69	68	65
14	64	66	60	64	66	66	66	64	64	67	70	68	65
15	66	69	63	67	69	70	69	67	67	70	73	71	68
16	69	72	65	69	70	71	71	69	71	71	74	72	70
17	73	77	72	76	76	75	77	75	78	74	77	76	76
18	75	80	76	79	78	78	79	78	78	76	77	77	78
19	77	81	79	81	80	80	81	80	80	77	78	77	79
20	77	81	79	81	81	81	81	80	80	76	78	77	79
21	77	80	80	82	81	81	82	80	81	76	79	78	80
22	78	81	80	81	81	81	82	80	82	76	79	78	80
23	78	80	80	82	81	81	83	80	82	76	79	77	80
24	73	80	81	82	82	82	82	80	82	76	79	77	80
MEAN	74	76	73	75	76	76	77	75	73	71	76	75	75

SABANA 4

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	85	85	84	86	86	86	85	88	86	86	84	83	85
2	85	85	84	86	85	86	85	88	86	86	84	84	85
3	85	85	84	85	85	86	85	88	87	86	84	84	85
4	84	84	84	85	85	86	85	88	87	86	84	83	85
5	85	85	84	84	85	85	85	88	87	86	84	84	85
6	84	84	83	81	83	83	82	86	86	85	84	83	84
7	82	82	80	78	80	81	80	82	84	84	83	83	82
8	76	76	74	73	75	75	74	76	80	80	79	80	77
9	71	71	71	70	72	73	71	73	75	76	75	77	73
10	68	68	66	68	71	69	70	71	72	71	70	73	70
11	67	67	65	67	70	75	69	70	71	69	70	72	69
12	65	65	62	67	69	66	68	69	70	69	68	69	67
13	67	67	62	71	70	68	69	70	69	70	70	70	69
14	67	67	62	72	70	69	71	71	70	71	70	71	69
15	74	74	65	76	73	74	74	74	75	74	74	74	73
16	76	76	69	79	75	75	77	77	78	78	77	76	76
17	80	80	74	83	80	80	81	81	82	82	80	80	80
18	82	82	77	85	82	82	83	84	84	84	82	82	82
19	84	84	81	85	84	84	84	86	85	85	82	82	84
20	84	84	82	86	85	85	84	87	86	85	84	83	85
21	85	85	83	86	85	85	84	87	85	85	84	83	85
22	84	84	84	86	85	85	84	87	86	85	84	83	85
23	85	85	84	86	85	85	84	87	86	85	84	83	85
24	84	84	84	86	85	86	84	88	86	85	84	83	85
MEAN	79	79	76	80	80	79	79	81	81	80	79	79	79

RIO GRANDE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	83	84	83	84	83	82	84	81	83	82	83	83	83
2	84	84	83	84	83	81	83	81	83	82	82	83	83
3	82	84	84	84	83	82	83	82	83	82	83	83	83
4	82	84	83	84	82	81	83	81	83	82	82	83	82
5	83	84	84	84	83	82	83	82	83	83	82	83	83
6	84	83	83	84	82	82	82	82	82	82	83	82	83
7	84	84	82	82	80	80	81	81	80	82	82	80	82
8	82	80	80	81	76	76	78	78	78	78	78	79	79
9	78	75	77	75	70	73	73	74	74	74	75	77	75
10	76	70	71	70	66	67	69	70	70	70	73	75	71
11	72	65	65	65	65	64	66	67	66	67	68	72	67
12	67	61	60	62	62	62	66	65	63	64	67	70	64
13	65	63	58	62	64	61	63	66	64	63	67	67	64
14	65	61	54	61	63	62	62	65	65	65	67	67	63
15	65	59	54	63	65	62	63	66	66	67	73	69	64
16	67	61	54	63	66	62	64	67	68	70	75	71	66
17	72	71	60	66	70	65	70	72	72	75	81	77	71
18	76	72	65	70	73	69	73	76	74	77	81	79	74
19	80	80	80	78	78	76	78	80	80	81	82	81	80
20	82	82	80	80	80	77	80	80	82	82	83	82	81
21	83	83	81	82	81	80	83	81	82	83	83	82	82
22	86	83	82	83	82	80	83	81	83	82	83	82	83
23	84	83	83	84	82	81	83	81	83	83	83	82	83
24	84	84	83	84	83	80	83	81	83	83	82	82	83
MEAN	79	76	74	76	75	74	76	76	76	77	78	78	76

CUBUY

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	78	76	73	72	73	75	77	78	78	78	81	80	77
2	79	75	73	72	73	75	77	78	79	78	81	79	77
3	79	75	73	72	73	75	77	78	79	78	80	80	77
4	78	75	72	72	73	75	77	78	78	79	81	79	76
5	77	75	72	73	73	75	78	77	78	79	81	79	76
6	78	74	73	72	72	73	76	76	76	78	80	78	76
7	74	76	68	70	69	70	75	73	74	76	78	76	73
8	72	70	66	67	66	68	72	70	72	74	77	75	71
9	66	64	57	59	63	63	64	66	68	69	74	72	65
10	64	62	54	58	60	61	61	63	64	68	71	70	63
11	60	58	49	56	58	59	61	60	62	67	69	66	60
12	59	56	48	54	56	58	58	61	60	65	66	66	59
13	58	54	47	54	58	56	60	60	62	65	66	67	59
14	58	53	46	52	57	56	59	59	63	67	67	67	59
15	63	56	48	54	60	58	62	63	68	72	73	70	62
16	65	58	50	56	61	59	65	64	69	74	74	72	64
17	72	66	59	62	66	64	68	70	76	79	78	75	70
18	72	68	61	64	67	66	70	72	77	79	78	76	71
19	76	74	77	70	71	69	76	77	80	80	80	79	76
20	78	75	69	70	72	70	76	77	79	80	80	79	75
21	78	75	72	71	73	72	77	77	80	80	81	79	76
22	77	75	72	71	72	72	77	77	80	79	81	79	76
23	78	75	72	71	73	74	77	78	80	79	81	79	76
24	78	76	72	71	73	73	77	77	79	79	81	80	76
MEAN	77	77	64	64	67	67	71	71	73	76	72	75	71

TABLE 10. PERCENTAGE OF HOURS WHEN RELATIVE HUMIDITY IS AT OR ABOVE THE PERCENT INDICATED

PERCENT RELATIVE HUMIDITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
						CAPE SAN JUAN							
100	9	3	3	R	2	R	R	4	2	1	6	20	4
90	28	26	19	11	22	17	27	20	24	17	24	38	23
80	63	58	56	50	67	51	66	70	69	59	51	70	61
70	80	75	80	81	91	87	86	90	95	92	91	88	86
60	91	92	93	91	99	99	96	99	100	99	99	95	96
50	97	100	99	93	100	100	99	99		100	100	99	99
40	99		100	100			100	100				99	99
						EL YUNQUE							
100			30	47						31	32	30	34
90	65	51	57	75	77	76	78	77	62	78	82	76	71
80	86	83	95	90	94	90	94	95	93	94	96	95	92
70	95	95	99	98	99	97	99	100	99	100	99	99	98
60	97	100	100			98	100				100	99	99
50	99					100						100	99
						GURABO							
100	56	56	40	20	31	33	31	40	64	42	47	47	41
90	65	61	52	52	58	52	61	63	68	65	66	62	60
80	73	67	61	62	69	70	70	70	75	75	75	71	70
70	83	74	69	71	79	79	80	78	83	87	85	81	79
60	93	83	79	84	91	91	92	91	95	97	96	93	90
50	99	96	92	95	99	99	99	99	99	100	99	99	98
40	100	99	99	99	100	99	100	100	100		100	99	99

HUMIDITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
						CATALINA							
100	8	4	12	11	1	17	39	36	34	42	34	10	21
90	55	45	44	45	31	56	67	68	72	69	73	49	56
80	77	71	66	70	70	79	84	84	89	85	88	78	78
70	91	82	80	86	89	92	94	95	100	96	97	94	91
60	49	96	93	98	99	96	98	98		99	99	99	94
50	100	100	99	100	100	99	99	100		100	100	100	99
40			100			100	100						100
						FAJARDO							
100	59	57	36	30	35	20	30	39	57	28	36	23	37
90	68	64	50	54	54	48	49	58	69	49	54	47	55
80	79	73	64	72	69	68	69	73	78	67	70	64	70
70	39	83	78	89	89	90	88	87	90	84	85	81	86
60	97	95	91	97	99	99	98	97	100	97	98	96	97
50	100	100	99	100	100	100	100	100		100	100	100	99
40			100										100
						ROOSEVELT ROADS							
100	0	0	R	0	0	0	0	1	1	0	R	R	R
90	11	10	6	8	11	4	4	7	22	5	10	5	9
80	31	31	27	31	38	47	36	43	57	29	37	28	35
70	67	69	64	71	73	79	73	79	85	47	76	66	70
60	94	95	91	96	98	98	99	98	99	51	97	95	92
50	99	100	99	100	100	100	99	100	100	100	100	99	96
40	100		100				100					100	100

R-- RARELY, LESS THAN HALF A PERCENT

HUMIDITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					RIO BLANCO								
100	52	39	35	39	34	22	20	25	11	34	45	31	33
90	64	54	51	60	57	54	55	53	64	59	63	63	58
80	76	68	63	70	70	67	69	65	73	71	74	73	70
70	87	79	74	79	84	81	82	79	85	84	85	85	81
60	97	93	88	93	98	97	97	96	97	96	97	96	94
50	99	99	99	99	100	100	99	99	100	99	100	99	99
40	100	100	100	100			100	100		100		100	100
					FORT BUCHANAN								
100	37	40	26	29	28	31	29	27	48	28	33	32	32
90	52	53	45	49	50	49	56	58	62	58	57	58	54
80	70	64	58	65	65	64	69	72	72	73	72	70	68
70	82	73	70	78	81	76	84	87	83	86	85	86	81
60	93	92	83	91	94	91	96	97	94	96	97	97	93
50	98	96	95	97	99	99	100	100	99	100	100	100	98
40	100	100	99	100	100	100			100				99
					SAN JUAN								
90	31	20	16	18	19	15	15	20	25	26	30	29	22
80	55	45	44	48	52	48	47	52	54	58	56	55	51
70	81	71	64	71	72	70	70	73	74	76	77	77	73
60	97	92	88	94	95	92	96	98	96	94	97	96	94
50	99	100	98	100	100	99	100		100	99	100	99	99
40	100		100							100		100	100

HUMIDITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					SABANA 8								
100	0	0									R	0	R
90	R	R	1	1	1	0	0	0	0	0	R	0	R
80	61	54	48	53	47	40	51	56	56	53	63	61	53
70	79	72	66	73	71	69	73	73	74	76	81	82	74
60	89	83	76	84	83	79	83	84	86	87	93	94	85
50	97	95	89	94	97	95	96	97	97	98	99	99	96
40	99	100	99	99	100	99	100	99	99	99	100	100	99
					SABANA 4								
90	11	7	R		R		4	19	15	R	R	2	4
80	70	57	54	64	66	63	58	65	65	68	64	62	63
70	87	77	72	80	83	81	80	81	79	84	83	82	80
60	96	91	85	93	96	93	93	93	93	95	94	95	93
50	99	98	95	98	100	99	98	99	99	99	99	99	99
40	99	99	99	99		99	99	99	100	100	100	100	99
					RIO GRANDE								
90	2	5	6	4	4	1	1	R	3	0	0	R	2
80	29	42	37	40	37	34	48	44	45	46	40	33	39
70	66	70	64	71	72	70	73	66	61	66	72	70	68
60	90	89	80	85	91	90	89	86	88	92	96	91	89
50	99	99	95	98	99	99	99	99	99	99	99	99	99
40	99	100	99	99	100	100	99	100	100	100	100	100	99

HUMIDITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
						CUBUY							
90	0	0	1	0	R	R	R	0	0	0	0	0	R
80	29	21	10	11	13	14	22	27	37	43	50	48	26
70	65	54	37	43	46	42	64	65	68	75	78	80	58
60	82	75	66	69	74	70	81	79	84	89	92	96	79
50	94	89	79	84	92	91	97	94	97	99	99	99	93
40	99	97	91	95	99	99	99	99	99	99	100	100	98

TABLE 11. DIURNAL DISTRIBUTION OF RELATIVE HUMIDITY MINIMA. IN PERCENTAGES

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	52	66	68	71	70	75	82	76	77	72	76	63	52
2	45	70	78	72	78	75	80	82	79	79	76	74	45
3	51	67	64	76	72	74	71	81	79	71	76	53	51
4	47	69	63	70	70	75	78	80	78	77	73	57	47
5	57	68	74	67	71	76	75	78	83	78	73	50	50
6	59	69	71	66	72	72	74	78	81	77	72	49	49
7	46	69	61	55	69	68	68	77	72	71	74	65	46
8	38	62	56	49	68	63	60	69	69	70	€7	46	38
9	35	51	53	48	58	64	55	64	67	65	55	49	35
10	29	54	51	47	60	61	58	58	64	62	58	47	29
11	37	49	44	51	55	59	59	55	71	62	53	43	37
12	35	48	44	46	58	59	41	58	66	56	60	45	35
13	35	48	46	45	55	52	53	58	66	61	54	48	35
14	35	50	45	45	57	56	54	66	63	60	57	38	35
15	39	49	49	46	61	57	60	73	66	68	66	39	39
16	49	50	54	53	70	64	60	71	74	60	61	45	45
17	55	64	60	60	57	67	56	78	68	72	66	56	55
18	55	69	70	64	66	70	67	77	82	64	77	61	55
19	56	69	73	67	70	71	72	78	75	76	76	68	56
20	49	65	71	71	71	71	75	76	79	76	74	61	49
21	50	71	72	71	71	72	75	71	74	75	77	56	50
22	52	62	70	62	71	74	61	77	83	76	76	59	52
23	47	67	72	62	71	73	56	78	84	73	73	59	47
24	47	69	69	78	73	75	58	78	69	72	74	66	47
ABSOLUTE MINIMA	29	48	44	45	55	52	41	55	63	56	53	38	29

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	94	78	85	95	68	88	82	98	100	87	85	94	68
2	70	78	91	93	73	74	94	100	98	73	85	73	70
3	69	67	96	89	82	74	93	94	97	94	71	76	67
4	77	54	76	83	89	74	70	89	97	98	71	78	54
5	94	58	72	93	83	74	93	85	97	93	77	70	58
6	88	73	86	83	82	74	92	88	96	82	87	71	71
7	87	75	85	80	80	74	92	98	98	81	90	69	69
8	87	67	78	83	80	74	93	94	90	84	70	68	67
9	85	73	81	77	77	70	94	86	92	78	74	88	70
10	55	66	78	72	81	69	80	79	90	82	69	70	55
11	51	71	72	73	71	63	79	76	82	79	78	51	51
12	72	62	66	69	78	71	52	82	82	83	63	52	52
13	38	66	66	68	76	58	78	64	87	88	63	72	38
14	55	67	68	67	78	58	84	79	88	80	78	82	55
15	83	65	68	69	84	68	84	71	96	92	67	85	65
16	87	63	64	74	76	70	68	73	96	84	67	74	63
17	76	75	75	77	71	64	78	90	98	84	75	70	64
18	74	64	97	86	81	53	78	72	98	71	79	85	53
19	66	72	77	80	66	40	80	92	98	67	77	93	40
20	71	78	80	93	66	35	89	81	94	76	90	91	35
21	74	64	80	93	77	52	94	70	91	71	96	74	52
22	68	68	98	83	88	50	88	83	98	71	72	71	50
23	71	64	81	97	74	96	74	83	98	59	93	80	64
24	71	67	72	95	65	74	79	81	98	74	78	71	65
ABSOLUTE MINIMA	38	54	64	67	65	35	52	64	82	59	63	51	35

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	92	95	84	89	87	82	46	89	100	92	90	84	46
2	92	100	84	87	87	82	90	85	100	91	88	76	76
3	92	100	82	87	87	82	90	90	91	89	86	75	75
4	92	100	83	85	87	82	90	93	100	91	86	76	76
5	92	92	83	78	87	82	88	92	93	90	93	72	72
6	92	95	81	85	87	75	83	94	100	92	93	70	70
7	92	100	73	65	87	77	84	84	100	84	84	72	65
8	92	100	65	56	76	66	74	65	84	72	77	73	56
9	84	72	46	48	57	49	57	63	68	62	59	57	46
10	68	50	43	45	53	51	55	52	57	59	55	47	43
11	55	41	39	40	52	48	44	48	56	51	53	46	39
12	44	38	34	36	46	47	47	45	46	53	50	48	34
13	49	43	35	36	41	46	48	46	49	54	49	38	35
14	44	40	38	36	45	44	46	51	49	55	51	43	36
15	41	42	36	38	46	49	46	48	54	51	51	46	36
16	44	38	39	41	51	49	44	48	53	53	58	48	38
17	52	49	44	43	51	50	56	53	65	53	68	54	43
18	60	55	44	53	56	58	57	64	68	69	80	67	44
19	79	69	63	65	78	63	73	72	68	80	85	65	63
20	89	79	72	69	83	76	85	87	70	89	89	66	66
21	87	86	79	72	86	74	89	92	74	92	92	55	55
22	92	90	83	79	87	66	77	92	100	89	90	69	66
23	92	95	82	75	87	66	88	92	100	91	88	72	66
24	92	95	83	87	87	54	90	92	100	89	92	73	54
ABSOLUTE MINIMA	41	38	34	36	41	44	44	45	46	51	49	38	34

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	69	77	80	77	78	86	88	90	79	86	48	69	48
2	65	78	81	78	75	86	90	91	79	85	90	68	65
3	67	76	79	79	79	86	88	84	78	76	89	68	67
4	68	77	82	79	77	84	88	90	85	82	86	69	68
5	69	77	79	75	80	82	87	90	81	85	86	64	64
6	74	78	77	78	64	86	86	89	90	87	86	59	59
7	73	77	78	73	67	78	74	82	86	82	81	63	63
8	59	70	69	67	59	68	62	71	82	73	76	62	59
9	57	66	58	55	60	55	53	60	78	60	63	60	53
10	55	60	56	58	57	51	46	51	73	63	58	58	46
11	57	55	47	49	55	44	49	53	70	48	56	53	44
12	33	53	49	52	54	43	38	52	72	52	53	52	33
13	54	49	44	51	56	43	32	44	69	50	53	57	32
14	53	48	48	52	59	44	42	52	68	53	51	56	42
15	56	49	47	50	62	42	54	47	64	59	57	59	42
16	56	52	47	57	60	45	51	55	72	61	65	61	45
17	59	56	56	61	67	55	60	56	75	73	79	65	55
18	66	66	59	70	71	55	72	84	78	71	78	67	55
19	71	67	66	69	70	75	78	86	76	82	83	67	66
20	61	79	69	75	77	73	85	86	82	87	84	63	61
21	66	77	75	77	77	53	90	78	85	84	88	65	53
22	70	72	80	74	77	84	84	76	84	84	84	63	63
23	68	75	82	68	73	86	79	88	83	80	87	66	66
24	70	77	76	70	68	86	89	86	75	80	86	69	68
ABSOLUTE MINIMA	33	48	44	49	54	42	32	44	64	48	48	52	32

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	79	78	81	77	79	78	74	85	95	77	76	63	63
2	84	86	82	80	78	81	74	81	95	78	77	58	58
3	80	90	80	77	79	75	82	83	93	79	72	51	51
4	87	83	82	76	75	78	76	84	85	81	74	61	61
5	84	84	84	74	84	79	70	85	85	82	71	61	61
6	68	89	90	77	79	80	71	81	95	79	73	54	54
7	69	89	74	70	68	73	64	75	77	68	71	56	56
8	59	76	64	55	67	67	55	73	73	69	62	58	55
9	50	58	52	53	63	62	48	61	64	59	57	48	48
10	45	56	56	53	63	60	51	56	61	53	46	47	45
11	43	51	46	51	58	56	46	55	56	53	48	43	43
12	47	50	42	51	51	59	40	47	56	53	49	48	40
13	46	47	40	46	57	52	45	39	56	52	50	30	30
14	49	41	43	46	62	53	44	47	57	51	52	45	41
15	52	48	41	50	58	54	56	51	52	54	56	49	41
16	57	53	49	54	59	56	55	54	61	55	60	49	49
17	64	59	52	57	62	64	64	61	69	63	72	60	52
18	73	65	65	69	73	73	67	71	76	80	72	50	50
19	59	82	77	74	78	80	76	79	87	82	75	58	58
20	64	85	83	72	81	74	81	85	100	82	79	54	54
21	76	79	80	74	79	81	69	87	85	82	75	55	55
22	83	81	81	76	81	83	74	87	86	79	74	60	60
23	85	80	80	75	81	66	74	81	89	81	74	70	66
24	72	83	80	76	67	81	82	87	100	78	73	65	65
ABSOLUTE MINIMA	43	41	40	46	51	52	40	39	52	51	46	30	30

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	67	66	67	63	71	74	72	72	74	65	69	60	60
2	63	63	64	67	65	76	70	76	65	72	60	59	59
3	61	61	69	68	72	76	74	74	65	73	60	60	60
4	62	66	69	63	71	76	72	61	65	77	70	59	59
5	62	58	69	67	73	74	76	72	78	77	65	54	54
6	62	58	66	67	58	74	74	71	78	74	65	56	56
7	62	56	67	61	67	63	67	69	72	74	70	58	56
8	54	56	58	58	63	62	63	69	68	67	65	54	54
9	53	54	56	50	61	59	63	62	60	63	58	51	50
10	49	54	54	52	56	58	61	60	61	64	52	52	49
11	47	55	52	52	56	54	58	52	52	64	53	49	47
12	45	54	53	48	57	54	58	54	55	61	51	50	45
13	44	53	44	48	56	51	59	52	54	53	52	50	44
14	50	52	47	48	55	53	56	55	59	59	55	53	47
15	50	52	42	44	54	57	46	55	54	61	55	52	42
16	48	54	42	49	53	53	58	55	58	59	55	51	42
17	53	53	47	55	59	58	59	58	62	63	55	53	47
18	54	56	53	53	62	59	62	61	66	67	55	55	53
19	57	65	62	64	63	63	66	63	68	67	67	58	57
20	64	64	61	66	71	72	72	69	75	59	65	60	59
21	60	60	60	66	73	72	73	73	74	59	65	60	59
22	62	63	65	64	72	71	70	68	70	65	65	60	60
23	63	64	64	67	68	74	74	70	66	65	65	60	60
24	63	66	62	61	73	74	82	72	73	65	68	60	60
ABSOLUTE MINIMA	44	52	42	44	53	51	46	52	52	53	51	49	42

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	83	84	83	77	56	82	78	88	80	80	86	80	56
2	87	86	84	67	61	86	76	91	81	79	86	77	61
3	87	81	82	67	63	83	79	86	86	75	88	44	44
4	90	79	78	79	66	78	79	82	80	78	88	79	66
5	87	77	83	71	65	81	80	82	89	82	87	80	65
6	79	81	80	78	78	82	81	75	85	83	87	89	75
7	90	82	80	74	80	83	86	76	84	83	89	64	64
8	84	66	59	68	68	70	67	76	81	69	82	69	59
9	72	63	55	52	61	60	56	63	60	60	58	61	52
10	51	60	53	46	59	59	53	63	61	54	52	48	46
11	59	49	41	44	56	52	49	66	54	51	52	37	37
12	47	48	47	51	47	52	46	44	58	50	50	47	44
13	46	49	40	52	54	51	57	55	55	52	53	60	40
14	47	56	44	43	54	51	54	54	57	44	55	55	43
15	52	59	42	48	50	57	56	53	59	42	53	55	42
16	58	54	46	43	51	50	58	55	55	53	58	50	43
17	69	62	58	53	55	54	53	62	63	51	65	62	51
18	78	60	72	60	62	68	63	65	63	67	78	72	60
19	82	77	79	72	74	79	70	77	70	76	78	76	70
20	83	79	75	75	77	77	76	73	80	76	88	67	67
21	82	74	82	73	83	72	74	73	87	89	88	76	72
22	84	70	46	65	75	77	84	78	90	82	74	80	46
23	86	76	83	74	75	85	74	73	93	90	73	79	73
24	84	74	77	62	91	87	88	76	91	79	84	66	62
ABSOLUTE MINIMA	46	48	40	43	47	50	46	44	54	42	50	37	37

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	83	81	94	46	60	82	91	87	87	81	83	71	46
2	89	79	93	45	54	90	92	96	80	89	82	89	45
3	88	83	52	49	52	84	87	88	87	88	81	86	49
4	84	87	52	48	55	83	87	86	83	87	80	81	48
5	79	84	52	56	59	83	87	86	97	92	63	76	52
6	81	87	63	65	61	83	92	81	96	82	79	81	61
7	78	87	52	75	65	66	77	71	84	85	79	78	52
8	72	72	52	64	66	60	67	66	64	69	72	72	52
9	58	59	42	48	62	54	54	61	64	64	57	58	42
10	54	51	34	39	55	50	52	53	61	56	56	71	34
11	53	47	40	40	51	51	48	58	48	51	52	43	40
12	41	48	36	38	51	53	49	51	53	51	48	41	36
13	37	40	28	38	49	53	48	51	45	52	52	46	28
14	41	37	28	34	47	51	52	55	44	52	54	56	28
15	48	43	37	39	48	40	58	57	49	55	48	44	37
16	47	42	40	50	44	44	55	58	53	55	48	47	40
17	51	53	45	43	49	48	54	63	55	67	64	52	43
18	53	59	52	68	54	50	60	71	66	82	67	58	50
19	71	66	68	62	72	61	72	79	83	84	73	61	61
20	78	74	71	57	77	72	73	80	88	84	83	62	57
21	78	82	78	52	82	93	86	82	77	84	83	91	52
22	76	83	81	60	78	78	81	90	94	85	78	78	60
23	72	78	82	51	79	83	84	83	76	86	83	70	51
24	76	79	77	82	81	85	98	91	86	86	83	72	72
ABSOLUTE MINIMA	37	37	28	34	44	40	48	51	44	51	48	41	28

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	58	66	57	54	71	75	72	80	72	78	72	52	52
2	72	63	74	70	72	78	72	81	76	74	67	59	59
3	71	70	55	67	70	78	71	77	75	64	57	55	55
4	71	64	54	68	69	79	72	78	70	78	70	49	49
5	70	69	51	63	69	77	71	78	70	61	71	54	51
6	61	67	55	66	73	81	75	69	70	71	67	51	51
7	74	61	61	67	61	80	72	71	73	72	68	61	61
8	66	60	56	65	65	72	67	76	69	68	65	62	60
9	66	58	34	50	59	59	60	65	63	60	59	54	34
10	59	54	48	50	55	52	54	60	56	51	59	46	46
11	46	50	46	52	31	52	51	57	51	54	50	49	31
12	46	46	42	50	53	49	57	58	49	51	49	50	42
13	46	35	41	49	52	48	52	55	52	47	51	49	35
14	40	45	38	48	49	49	50	57	52	44	50	48	40
15	47	51	44	52	52	51	47	55	52	45	54	43	43
16	49	51	44	51	54	49	52	60	53	48	55	40	40
17	58	50	42	53	57	54	57	60	59	54	59	46	42
18	58	52	52	53	57	48	56	61	62	62	61	40	40
19	65	57	55	65	62	54	62	66	66	68	65	57	54
20	65	57	60	63	67	63	68	68	69	68	71	57	57
21	64	58	61	63	70	71	69	71	70	72	71	57	57
22	66	60	62	67	70	74	72	69	71	72	66	55	55
23	65	57	62	70	69	72	71	75	71	70	67	56	56
24	70	68	56	65	71	76	74	73	73	72	63	60	56
ABSOLUTE MINIMA	40	35	34	48	31	48	47	55	49	44	49	40	31

SABANA 8

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	65	49	55	73	63	69	61	41	49	59	69	50	41
2	65	49	57	70	60	69	61	57	47	59	65	55	47
3	65	53	53	70	70	70	57	51	57	57	65	47	47
4	63	51	55	71	69	70	60	55	57	60	65	45	45
5	59	67	55	67	61	61	65	69	57	63	65	50	50
6	53	61	55	51	57	55	51	67	60	63	65	51	51
7	61	60	50	55	55	51	67	61	61	63	60	55	50
8	60	55	50	51	55	51	61	57	60	61	50	51	50
9	49	51	47	50	57	51	57	55	59	55	59	55	47
10	50	50	40	41	51	50	51	51	51	55	55	49	40
11	40	50	40	47	51	50	51	50	49	50	55	43	40
12	41	51	40	50	51	45	41	50	50	51	51	45	40
13	45	50	40	44	45	47	40	49	50	50	51	49	40
14	40	50	43	40	45	43	45	49	41	50	51	49	40
15	40	50	40	45	47	47	51	49	49	34	55	50	34
16	50	53	45	43	47	51	47	49	53	53	55	45	43
17	51	53	50	60	57	60	59	51	52	49	60	59	49
18	60	60	51	65	60	65	60	53	59	55	61	60	50
19	56	60	57	71	57	59	60	57	61	57	65	57	55
20	57	60	48	75	67	65	55	60	63	55	65	59	48
21	57	57	51	73	65	68	51	55	63	57	65	61	50
22	58	56	55	71	69	69	57	57	50	50	65	60	50
23	57	50	59	75	60	69	67	53	51	55	63	60	50
24	59	49	59	75	69	69	67	41	45	55	65	57	41
ABSOLUTE MINIMA	40	49	40	40	45	43	40	41	41	34	50	43	34

SABANA 4

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	87	75	64	84	91	83	84	74	84	83	80	64	64
2	87	74	79	81	73	79	84	74	75	83	74	69	69
3	84	73	74	74	75	83	83	73	84	79	74	59	59
4	84	65	67	74	84	79	84	65	83	85	81	64	64
5	87	73	71	71	64	77	79	86	84	73	69	67	64
6	84	72	64	69	65	73	79	75	81	75	71	63	63
7	84	74	64	54	64	65	64	74	77	77	74	74	54
8	55	71	64	54	59	64	61	69	74	69	55	63	54
9	53	64	64	54	55	54	64	54	64	64	54	61	53
10	51	54	55	55	54	54	51	51	54	59	54	55	51
11	53	55	45	49	54	54	45	44	50	54	45	55	44
12	44	54	53	49	54	41	45	35	49	54	45	64	35
13	55	55	54	47	54	49	44	44	49	51	49	54	44
14	49	55	45	61	49	39	51	44	54	54	54	64	39
15	54	71	45	61	54	44	54	43	61	59	54	64	43
16	74	74	44	74	54	64	54	47	64	64	57	69	44
17	67	75	45	76	64	74	64	61	63	67	59	74	45
18	81	69	41	84	69	69	74	74	77	67	75	74	41
19	81	64	49	85	77	63	69	74	65	65	65	64	49
20	85	72	75	84	84	81	77	79	83	75	65	63	63
21	89	83	69	84	74	81	83	83	74	69	77	74	69
22	87	77	77	81	65	79	83	83	65	74	69	73	65
23	89	75	71	84	84	84	69	84	71	79	69	69	69
24	89	75	71	84	84	83	77	83	83	68	61	69	61
ABSOLUTE MINIMA	44	54	41	47	49	39	44	35	49	51	45	54	35

RIO GRANDE

10UR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	67	87	76	72	60	72	82	60	86	54	67	80	54
2	77	84	77	74	58	70	72	60	86	57	77	84	57
3	87	86	77	72	62	67	77	62	84	67	80	77	62
4	77	77	70	76	62	67	77	62	86	77	72	78	62
5	76	72	80	76	72	77	64	62	84	77	72	82	62
6	82	72	78	70	77	72	64	48	70	72	72	70	48
7	77	67	67	72	67	64	58	47	67	67	72	57	47
8	68	62	62	68	58	60	57	58	61	57	66	58	57
9	67	56	48	48	52	60	52	58	57	56	58	62	48
10	58	52	48	54	50	54	52	57	52	54	57	64	48
11	47	52	48	46	54	48	49	50	52	52	56	58	46
12	48	48	47	47	52	48	50	47	48	52	52	56	47
13	54	48	38	46	54	46	48	48	47	54	57	54	38
14	52	52	32	44	48	46	52	50	48	54	57	57	32
15	47	52	37	44	48	47	52	48	54	56	64	48	37
16	50	52	42	47	50	38	52	47	47	52	64	58	38
17	57	57	47	44	52	47	56	52	54	57	67	57	44
18	60	56	52	57	54	44	57	56	57	62	77	58	44
19	64	77	62	67	67	47	57	54	62	77	72	67	47
20	70	74	67	72	67	58	68	58	67	77	80	77	58
21	75	77	68	64	58	67	77	67	72	82	82	72	58
22	77	72	36	82	67	64	82	64	67	82	80	72	36
23	84	87	72	78	62	58	74	62	67	82	77	77	58
24	82	72	68	78	78	57	74	57	75	82	72	78	57
ABSOLUTE MINIMA	47	48	32	44	48	38	48	47	47	52	52	48	32

CUBUY

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	66	61	58	58	58	57	48	61	58	46	70	64	46
2	66	52	56	58	51	58	52	56	58	46	62	66	46
3	62	52	54	60	59	58	56	62	61	46	68	66	46
4	62	61	46	60	50	60	60	62	61	46	71	62	46
5	52	61	51	56	44	58	66	52	58	36	61	56	36
6	64	61	51	60	44	58	62	71	58	60	66	56	44
7	60	56	46	52	52	56	52	48	56	52	61	58	46
8	56	51	43	51	51	52	58	48	56	54	52	56	43
9	51	41	42	38	42	42	51	48	41	48	60	52	38
10	51	41	26	38	44	46	48	42	41	46	51	51	26
11	42	41	13	32	38	40	42	41	42	42	51	42	13
12	41	40	16	30	26	42	41	42	42	51	42	44	16
13	41	34	28	30	38	42	41	42	46	42	42	40	28
14	42	31	28	31	40	36	40	41	44	51	48	41	28
15	38	31	26	36	38	38	38	40	40	46	48	42	26
16	41	32	30	34	38	38	48	40	41	56	46	48	30
17	40	32	31	38	42	40	48	40	56	71	51	48	31
18	42	34	34	41	42	42	46	44	61	62	56	53	34
19	54	48	47	51	46	40	54	53	61	61	61	62	40
20	54	51	51	52	50	42	61	60	70	71	62	64	42
21	60	60	60	52	52	54	52	42	66	61	70	61	42
22	30	61	60	56	54	56	56	52	52	58	68	61	52
23	62	52	42	42	51	56	56	52	58	48	42	68	42
24	62	54	40	58	56	56	52	87	58	46	64	46	40
ABSOLUTE MINIMA	38	31	13	30	26	36	38	40	40	36	42	40	13

TABLE 12. DIURNAL DISTRIBUTION OF MEAN DEWPOINT IN DEGREES FAHRENHEIT

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	71	70	71	65	65	73	66	71	74	74	75	72	70
2	71	72	71	66	64	71	66	71	74	74	74	73	71
3	70	71	71	66	64	75	66	71	74	74	74	71	71
4	70	71	71	66	65	73	66	71	74	73	74	73	71
5	71	71	70	66	64	73	66	71	74	73	74	70	70
6	71	71	70	66	65	73	66	71	74	73	74	71	70
7	70	71	71	66	64	75	66	71	74	74	74	74	71
8	69	71	70	67	65	73	66	71	75	74	74	71	70
9	69	70	70	66	65	73	67	72	75	74	74	70	70
10	68	70	69	66	63	74	65	72	75	74	74	70	70
11	70	70	69	65	64	74	66	72	75	74	73	73	70
12	70	69	70	66	61	74	66	71	75	74	74	72	70
13	67	70	70	67	64	74	67	69	75	73	74	69	70
14	67	70	70	67	64	74	66	73	75	74	74	70	70
15	67	71	70	67	66	73	67	73	75	75	74	71	71
16	69	71	72	66	66	71	69	73	75	75	74	71	71
17	70	72	72	66	66	75	67	72	75	75	74	72	71
18	70	72	72	65	66	74	67	71	75	74	74	72	71
19	69	72	72	66	67	74	67	72	74	75	75	74	71
20	69	72	72	66	67	74	67	70	75	75	75	72	71
21	69	72	72	65	66	74	66	71	74	74	74	72	71
22	70	72	72	73	66	74	66	72	74	74	74	72	72
23	69	72	70	65	66	73	66	71	75	75	74	71	71
24	69	72	70	65	66	74	66	72	74	74	74	72	71
MEAN	69	71	71	66	65	73	66	71	74	74	74	71	71

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	62	61	63	64	64	65	64	66	64	66	63	63	64
2	62	62	61	64	64	65	64	64	64	65	64	63	64
3	62	62	61	64	64	65	64	66	64	64	64	62	64
4	62	62	62	64	64	65	64	64	64	65	63	62	63
5	62	62	62	64	64	65	64	65	64	65	63	63	64
6	62	62	62	64	64	65	64	65	63	65	63	61	63
7	62	62	63	64	65	65	64	66	64	65	64	62	64
8	63	62	63	65	65	66	64	66	66	66	65	63	64
9	63	63	64	65	65	66	64	66	66	66	65	64	65
10	64	64	64	65	65	66	64	66	67	67	66	64	65
11	64	64	64	65	66	66	64	66	67	66	66	64	65
12	64	64	64	66	66	66	64	66	67	66	66	64	65
13	63	64	64	66	66	66	64	66	67	67	66	64	65
14	64	64	64	66	66	66	64	66	67	67	66	64	65
15	64	64	64	65	66	66	64	66	66	66	66	64	65
16	64	64	64	65	66	66	64	66	66	66	65	64	65
17	63	64	64	64	64	66	64	66	65	66	65	64	65
18	63	64	64	65	64	66	64	66	65	66	65	64	65
19	62	62	64	64	64	65	64	64	65	66	65	63	64
20	62	62	64	65	64	66	64	66	64	66	65	63	64
21	62	62	64	64	64	65	64	66	64	66	65	63	64
22	62	62	63	65	64	65	64	66	64	66	64	62	64
23	62	62	64	65	64	65	64	66	64	66	64	63	64
24	62	62	64	65	64	65	64	66	64	66	64	62	64
MEAN	63	63	63	65	65	65	64	66	65	66	65	63	64

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	67	65	67	69	72	72	73	72	72	69	68	67	69
2	66	65	67	69	70	72	72	72	71	70	68	66	69
3	66	64	66	68	71	71	72	72	71	70	67	66	69
4	66	63	66	68	71	71	71	71	71	70	67	66	68
5	66	63	65	67	70	71	71	71	71	70	67	65	68
6	66	63	65	68	70	71	71	71	71	70	67	65	68
7	65	64	67	69	77	73	74	72	73	71	69	65	70
8	67	67	70	71	76	75	76	76	76	73	72	68	72
9	71	71	71	68	75	74	76	76	68	74	74	70	72
10	72	70	70	68	74	73	75	75	74	75	74	70	72
11	71	68	68	68	73	72	75	74	73	73	73	69	71
12	70	67	68	67	71	72	75	73	73	74	72	69	71
13	69	67	67	68	73	72	75	73	74	74	73	70	71
14	69	67	67	68	74	73	75	75	74	74	73	70	72
15	71	68	68	69	74	73	75	75	73	74	73	69	72
16	70	68	68	69	74	73	76	75	74	74	74	69	72
17	72	67	68	69	75	74	77	76	75	76	74	70	73
18	74	69	70	70	75	75	77	77	76	76	74	71	74
19	74	70	72	71	77	77	77	77	75	76	73	71	74
20	72	70	72	71	77	76	76	77	75	74	72	69	73
21	71	70	70	71	75	74	76	76	74	73	71	68	72
22	69	69	71	71	74	73	75	75	74	73	70	68	72
23	68	67	71	70	73	72	74	74	73	72	70	67	71
24	68	66	68	70	73	72	73	73	72	71	70	66	70
MEAN	69	67	68	69	73	73	74	74	73	73	71	68	71

CATALINA

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	69	67	69	69	71	72	72	73	67	71	72	68	70
2	69	67	69	69	70	73	70	73	67	73	72	68	70
3	69	67	69	69	70	73	72	73	66	72	72	68	70
4	69	67	69	69	70	71	72	73	67	72	72	68	70
5	67	67	69	68	67	73	71	72	67	71	72	67	69
6	67	67	69	68	70	74	71	72	67	72	72	67	70
7	68	68	70	70	70	74	73	73	66	73	73	67	70
8	69	69	70	71	71	73	73	75	66	74	74	68	71
9	70	69	70	71	71	73	73	75	69	74	74	70	72
10	69	69	70	71	72	73	73	75	65	75	73	69	71
11	69	69	70	71	71	73	72	75	66	76	74	70	71
12	69	69	71	72	72	73	72	74	65	71	74	71	71
13	69	69	70	71	72	73	71	74	68	74	73	70	71
14	70	68	71	72	72	73	72	75	67	75	74	70	72
15	70	68	71	72	72	74	72	75	67	74	74	70	72
16	70	68	70	72	72	73	73	75	67	74	75	70	72
17	70	68	70	71	71	74	73	75	68	74	74	69	71
18	69	68	70	71	71	74	73	75	68	73	73	69	71
19	69	68	69	70	71	74	73	75	69	73	73	68	71
20	68	68	70	70	71	73	73	74	69	73	72	68	71
21	68	67	69	70	71	73	73	74	69	73	72	68	71
22	68	67	70	70	71	73	72	74	69	73	72	68	71
23	68	67	69	69	71	74	72	74	69	73	73	68	71
24	67	67	70	69	71	73	72	74	69	73	72	68	70
MEAN	69	68	70	70	71	73	72	74	67	73	73	69	71

FAJARDO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	70	69	72	73	74	72	71	74	73	72	73	70	72
2	69	69	72	73	74	72	73	74	73	72	71	70	72
3	69	69	71	73	73	72	73	74	73	72	71	70	72
4	69	69	71	72	73	74	72	74	72	73	72	69	72
5	69	68	71	72	73	72	72	74	72	72	72	70	71
6	69	68	71	72	73	72	72	73	72	72	71	70	71
7	69	69	70	72	74	74	73	75	74	73	73	72	72
8	71	71	73	74	74	75	73	75	76	74	75	73	74
9	72	70	73	76	73	75	72	74	74	74	75	71	73
10	71	70	72	77	74	76	73	74	75	74	75	71	74
11	71	69	71	77	74	76	72	75	73	74	74	71	73
12	70	69	71	78	73	76	73	74	74	74	74	71	73
13	71	69	71	74	75	76	72	74	71	73	74	71	73
14	71	70	71	74	74	76	72	74	73	74	75	70	73
15	71	71	71	76	77	76	73	75	74	75	75	70	74
16	72	71	76	77	74	76	73	76	75	75	76	71	74
17	74	72	73	77	73	75	73	76	76	75	76	72	74
18	74	72	75	77	75	76	73	76	78	77	75	72	75
19	72	73	75	77	75	75	74	77	76	77	74	72	75
20	71	72	75	75	75	74	74	76	75	75	74	72	74
21	70	71	74	75	75	74	74	76	75	74	73	71	74
22	71	71	74	74	75	73	74	76	74	74	73	71	73
23	71	70	73	74	74	73	73	75	74	74	73	71	73
24	70	70	74	74	73	73	73	75	74	73	73	69	73
MEAN	71	70	72	75	74	74	73	75	74	74	74	71	73

ROOSEVELT ROADS

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	68	68	69	70	72	73	74	74	73	74	73	69	71
2	68	68	68	70	71	73	74	74	74	74	72	69	71
3	68	68	68	70	72	73	74	74	73	74	72	68	71
4	68	67	68	70	71	73	73	73	73	73	72	69	71
5	68	68	68	70	71	73	73	73	74	73	72	69	71
6	68	68	68	70	71	74	73	73	74	73	72	69	71
7	67	68	68	71	71	74	74	74	74	73	72	69	71
8	68	68	69	71	72	73	74	74	74	75	74	69	72
9	69	68	69	72	72	74	74	74	75	75	75	68	72
10	68	69	69	70	71	73	74	74	75	75	75	69	72
11	69	68	69	71	71	72	74	73	75	75	76	70	72
12	69	69	69	70	72	72	75	74	75	75	76	70	72
13	68	69	69	71	72	73	75	75	75	75	76	70	72
14	69	69	68	71	71	74	74	75	75	75	75	70	72
15	68	69	69	70	71	74	74	74	75	75	75	70	72
16	69	69	69	70	71	74	74	75	75	75	75	70	72
17	69	68	68	70	71	74	74	74	74	75	74	70	72
18	68	68	68	70	71	73	74	74	74	74	74	69	71
19	68	68	69	70	71	73	74	74	74	74	73	69	71
20	68	68	69	70	72	74	74	74	74	74	73	69	72
21	68	68	68	71	72	74	74	74	74	74	73	69	72
22	68	68	69	70	72	74	74	74	74	74	73	69	72
23	68	68	69	70	71	74	74	74	74	74	73	69	72
24	68	68	69	70	72	74	74	74	74	74	73	69	72
MEAN	68	68	68	70	71	73	74	74	74	74	74	69	72

RIO BLANCO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	70	70	72	72	74	74	75	74	74	74	71	70	72
2	71	70	72	72	73	74	75	74	74	74	71	68	72
3	70	70	72	72	74	74	74	74	74	74	70	68	72
4	70	69	72	72	74	74	74	74	74	74	70	68	72
5	70	70	72	72	74	74	74	74	71	74	70	68	72
6	70	69	72	72	74	74	74	74	71	74	70	68	72
7	70	69	72	72	75	75	76	74	70	74	70	70	72
8	72	70	72	72	76	75	76	76	72	76	73	70	73
9	72	70	71	72	74	73	75	75	71	75	74	70	73
10	70	70	70	71	74	73	74	75	70	74	73	70	72
11	71	70	70	72	74	73	74	74	70	74	74	70	72
12	71	70	70	71	74	74	74	74	72	74	74	70	72
13	72	70	70	72	74	74	74	74	70	73	73	70	72
14	72	70	70	72	75	74	75	74	73	74	73	70	73
15	72	70	70	72	75	74	74	74	72	74	74	71	73
16	72	70	71	72	76	74	75	74	75	74	75	72	73
17	74	72	72	72	76	74	74	74	76	76	75	72	74
18	74	74	73	73	76	75	76	75	76	76	75	73	75
19	73	74	74	74	76	76	76	76	76	76	73	72	75
20	72	72	74	73	76	76	76	76	75	75	72	71	74
21	72	72	74	73	75	76	75	76	75	75	72	70	74
22	72	72	74	73	75	75	76	75	75	74	72	70	74
23	71	71	74	72	75	75	76	74	74	74	72	70	73
24	71	71	73	72	76	75	75	74	74	74	71	70	73
MEAN	71	71	72	72	75	74	75	74	73	74	72	70	73

FORT BUCHANAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	70	70	71	72	74	75	74	75	75	73	72	70	72
2	69	70	70	72	74	75	74	74	75	73	72	70	72
3	69	70	70	72	74	75	74	74	74	73	72	68	72
4	69	69	69	72	74	74	73	73	74	73	71	70	72
5	68	69	69	71	73	73	73	73	74	73	71	70	71
6	68	68	69	70	73	74	73	74	74	73	71	70	71
7	69	69	70	72	74	74	74	76	75	73	73	70	72
8	70	70	76	73	75	74	73	76	75	75	73	71	73
9	71	69	71	72	73	73	73	75	74	74	73	72	72
10	69	68	69	71	72	70	73	75	73	73	72	71	71
11	69	67	68	70	73	71	73	74	73	71	72	71	71
12	68	68	67	70	73	72	72	75	74	72	72	70	71
13	69	68	68	71	73	72	72	75	73	73	73	70	71
14	69	68	68	71	74	73	73	76	74	73	73	71	72
15	69	68	68	72	74	72	73	75	74	73	73	71	72
16	69	68	68	72	73	72	73	75	75	74	73	71	72
17	70	68	68	72	74	72	73	75	76	74	73	71	72
18	70	70	69	73	73	74	74	76	76	74	74	72	73
19	72	71	72	72	73	76	75	77	77	75	74	72	74
20	72	72	73	73	73	75	75	77	76	74	74	72	74
21	72	72	73	73	73	76	75	77	76	74	74	72	74
22	71	72	72	73	73	76	75	76	76	74	73	71	74
23	71	72	72	73	73	76	74	74	75	74	73	71	73
24	70	71	72	72	73	75	74	75	75	73	73	71	73
MEAN	70	69	70	72	73	74	73	75	75	73	73	71	72

SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	67	66	67	69	70	71	72	73	72	72	70	68	70
2	67	66	66	69	69	71	72	73	72	71	70	68	70
3	67	66	66	68	69	71	72	72	71	71	70	68	69
4	66	66	66	68	69	71	72	72	71	71	69	68	69
5	66	66	66	68	69	71	71	72	71	71	70	67	69
6	66	65	66	68	69	71	71	72	71	71	69	67	69
7	66	65	66	68	69	72	72	72	71	71	70	67	69
8	67	66	67	70	70	72	73	73	72	72	71	68	70
9	68	67	66	70	70	72	72	73	73	72	72	69	70
10	69	67	67	69	69	72	72	73	72	72	71	69	70
11	69	67	67	69	70	72	72	73	72	72	71	69	70
12	69	67	67	70	69	71	73	72	72	72	71	70	70
13	69	67	67	70	70	72	72	73	73	72	71	69	70
14	69	68	67	70	71	71	72	73	72	71	71	69	70
15	69	68	68	70	70	71	72	73	72	72	71	70	70
16	69	68	67	70	70	71	72	73	72	72	71	70	70
17	69	68	67	69	70	71	72	73	72	72	71	70	70
18	69	67	66	69	70	72	72	73	72	72	71	70	70
19	69	67	67	70	69	72	72	73	73	72	71	70	70
20	68	67	67	70	70	72	73	73	72	72	71	69	70
21	68	67	67	69	70	72	73	73	72	72	71	69	70
22	68	67	67	69	70	72	73	73	72	72	70	69	70
23	67	67	67	69	70	72	72	73	72	72	71	69	70
24	67	67	67	69	70	72	72	73	72	72	70	69	70
MEAN	68	67	67	69	70	71	72	73	72	72	70	69	70

TABLE 13. PERCENTAGE OF HOURS WHEN DEWPOINT IS AT OR ABOVE DESIGNATED TEMPERATURE

DEGREES FAHRENHEIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CAPE SAN JUAN													
85					1								1
80	2		1	3	8	3	2	6	1	2		1	3
75	17	9	26	36	74	36	48	74	61	56	52	26	43
70	70	75	85	94	98	89	85	99	97	95	97	69	88
65	91	99	99	99	100	98	85	100	100	99	100	89	97
60	97	100	100	100		100	100			100		98	99
55	99											99	99
50	100											100	100
EL YUNQUE													
70	1	1		2	1	2	1	12	2				3
65	25	30	48	56	66	80	46	71	70	75	60	41	56
60	94	83	91	98	98	98	98	99	98	98	98	89	95
55	98	97	99	99	100	99	100	100	100	100	100	98	99
50	99	100	100	100		100						100	99
GURABO													
85			R		R	R	1	R	R	R			R
80	R	R	1	R	9	6	10	7	5	3	1	R	4
75	6	7	9	7	41	35	49	47	37	36	21	5	25
70	46	33	44	52	88	87	96	94	91	86	70	43	69
65	88	72	82	91	98	99	100	99	99	99	98	83	92
60	99	96	99	99	100	99		100	100	100	100	99	99
55	100	99	100	99		100						100	99
50		100		100									100

R-- RARELY, LESS THAN HALF A PERCENT

DEGREES FAHRENHEIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CATALINA													
85											1		1
80				1				3		6	5	1	3
75	2	1	8	9	10	38	27	40		51	31	4	20
70	29	2	60	67	67	94	88	93		88	85	54	66
65	84	94	94	98	95	98	98	99		99	99	91	95
60	97	100	100	100	100	100	100	100		100	100	97	99
55	100											100	100
FAJARDO													
85								1					1
80			2	2	2			6	5	4	8		4
75	15	11	34	29	52	36	39	61	44	47	45	17	36
70	69	58	79	87	97	79	85	97	96	92	93	73	84
65	96	96	96	99	100	95	98	100	100	99	99	93	97
60	100	100	99	100		100	99			100	100	99	99
55			99				100					100	99
50			100										100
ROOSEVELT ROADS													
80	0	R	0		0	0	R	1	1	0	0	0	R
75	1	R	R	R	1	8	18	46	50	49	12	1	14
70	32	35	39	79	71	97	99	99	99	98	82	54	68
65	93	96	96	99	99	99	100	99	100	100	99	95	98
60	99	99	99	100	100	100		100			100	99	99
55	100	100	100									100	100

DEGREES FAHRENHEIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
RIO BLANCO													
85			R		R	R	R			R			R
80	R	R	2	2	7	1	2	1	2	4	2	R	2
75	13	11	23	22	55	56	59	49	55	51	23	10	35
70	75	64	76	84	95	97	97	99	99	91	85	64	85
65	98	96	96	98	99	99	100	100	100	98	99	95	98
60	99	100	100	99	100	100				100	100	99	99
55	100			100								100	100
FORT BUCHANAN													
80				2	6	2	5	5		2		3	6
75	8	4	19	25	48	64	72	65		34	9	27	34
70	62	50	59	81	92	95	97	98		93	85	91	82
65	91	93	89	96	99	100	100	100		99	99	99	97
60	99	99	97	99	100					99	100	100	99
55	100	100	99	100									99
50			100										100
SAN JUAN													
75						4	9	10	9	9	3	6	7
70	31	18	16	48	63	93	96	99	96	92	80	67	66
65	93	86	88	97	100	100	100	100	100	100	100	99	97
60	100	100	99	100								100	99
55			100										100

TABLE 14. MEAN SOLAR RADIATION. HOURLY INSOLATION IN LANGLEYS.

CAPE SAN JUAN

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
6	0	0	0	1	3	1	1	1	2	0	0	0	9
7	1	3	4	9	15	8	12	6	8	2	2	0	70
8	13	18	18	21	31	18	28	16	24	11	15	8	221
9	27	36	37	37	51	27	43	23	41	19	33	21	395
10	41	55	54	51	64	35	60	27	52	23	49	31	542
11	50	64	59	60	72	37	71	31	59	16	57	40	616
12	54	67	66	62	76	38	71	36	68	24	62	46	670
13	57	65	70	61	78	39	78	35	73	21	61	46	684
14	53	61	65	59	70	34	71	32	67	31	52	43	638
15	42	50	56	47	58	26	61	27	52	26	41	34	520
16	28	37	38	37	44	21	46	22	36	22	25	24	380
17	12	19	21	21	28	13	28	14	19	13	11	10	209
18	1	3	5	7	12	5	11	4	4	3	1	1	57
19	0	0	1	0	1	0	1	0	0	0	0	0	3
TOTAL	379	478	494	473	603	302	582	274	505	211	409	304	5014

EL YUNQUE

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
6	0	0	0				1	0	0	0	0	0	1
7	1	1	3	3	4	5	7	3	3	1	0	0	31
8	8	11	13	11	13	13	15	12	16	9	6	5	132
9	17	22	23	23	23	22	30	23	28	17	12	11	251
10	23	31	33	26	31	31	35	34	37	25	18	15	339
11	30	38	39	31	37	37	40	44	43	32	23	21	415
12	36	37	42	26	40	38	38	48	41	36	21	21	424
13	35	43	44	25	43	39	39	49	44	37	20	24	442
14	33	39	45	25	35	37	35	45	36	34	18	22	404
15	27	33	40	20	27	30	30	35	36	27	16	17	338
16	19	21	27	16	20	21	19	22	20	18	10	11	224
17	8	9	15	9	12	11	9	12	10	9	4	5	113
18	1	3	4	2	4	4	2	3	2	1	0	1	27
TOTAL	238	288	328	217	289	288	300	330	316	246	148	153	3141

GURABO

HOUR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT*	NOV	DEC	TOTAL**
5	0	0	0			1	0	0	0	0			1
6	0	0	0	1	1	2	1	0	0	0	0	0	5
7	1	3	3	11	12	14	10	8	3	2	1	0	68
8	14	16	12	29	30	30	26	24	16	12	8	8	225
9	33	34	24	46	46	46	40	37	28	24	20	23	401
10	46	50	33	58	58	53	55	48	38	33	28	34	534
11	54	65	43	67	66	62	60	57	45	39	34	43	635
12	60	68	43	68	71	68	59	63	46	41	36	47	670
13	61	71	43	64	71	65	60	59	46	41	36	44	661
14	51	61	40	60	59	58	55	55	40	36	32	39	586
15	43	48	33	47	50	48	46	42	30	27	24	32	470
16	29	32	25	34	35	33	32	30	20	17	15	21	323
17	13	15	15	20	23	21	18	16	10	8	6	8	173
18	1	3	7	7	12	8	6	4	1	1	1	1	52
19	0	0	1	0	2	1	0	0	0	0			4
TOTAL	406	466	322	512	536	510	468	443	323	281	241	300	4808

* NO OBSERVATIONS. VALUES OBTAINED BY INTERPOLATION.

** INCLUDES INTERPOLATED VALUES FOR OCTOBER.

TABLE 15. TOTAL INCOMING RADIATION, IN LANGLEYS

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	JANUARY						FEBRUARY					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
2	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
3	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
4	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
5	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
6	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
7	51	1.1	54	1.2	62	1.5	28	1.5	56	3.1	28	2.7
8	51	9.6	54	14.4	62	13.7	28	11.1	56	18.8	27	16.7
9	51	20.8	54	31.1	61	33.7	28	22.3	56	37.0	26	36.7
10	50	29.0	54	46.8	62	46.1	28	31.1	56	55.6	26	53.5
11	49	38.2	53	58.2	62	55.0	28	37.9	56	65.1	28	64.6
12	50	44.3	53	63.6	62	60.3	26	40.0	55	69.6	28	68.6
13	49	44.2	53	66.2	62	61.5	28	43.1	55	67.7	28	71.3
14	52	39.7	53	62.5	61	51.9	28	39.2	54	64.0	28	61.6
15	52	32.4	52	50.0	62	42.8	28	32.7	55	51.5	28	48.0
16	52	22.3	52	33.3	62	29.2	28	20.9	55	38.1	28	32.1
17	51	10.0	54	14.2	62	13.0	28	9.5	55	19.9	28	15.4
18	51	1.5	54	1.3	61	1.5	28	2.9	54	3.4	28	2.8
19	52	0.1	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
20	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
21	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
22	52	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
23	51	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
24	51	0.0	54	0.0	62	0.0	28	0.0	57	0.0	28	0.0
TOT	1231	293.2	1288	442.8	1485	410.0	670	292.2	1347	493.8	667	474.0

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	MARCH						APRIL					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	86	0.0	85	0.0	48	0.0	30	0.0	57	0.0	30	0.0
2	86	0.0	84	0.0	47	0.0	30	0.0	57	0.0	30	0.0
3	86	0.0	84	0.0	47	0.0	30	0.0	56	0.0	30	0.0
4	87	0.0	84	0.0	47	0.0	31	0.0	57	0.0	30	0.0
5	85	0.0	84	0.0	46	0.0	30	0.0	57	0.0	30	0.0
6	86	0.0	82	0.2	21	0.0	30	0.0	56	0.8	53	1.5
7	77	3.4	80	5.1	48	5.9	27	6.0	47	11.0	55	11.3
8	85	14.5	81	20.6	48	22.9	39	16.6	46	25.8	56	30.2
9	86	25.2	81	42.0	48	44.1	39	34.1	48	45.1	56	48.1
10	84	36.2	80	61.3	48	63.1	39	40.1	48	62.5	56	60.1
11	82	44.2	75	72.1	49	77.5	37	49.9	48	74.9	57	70.1
12	77	50.5	77	77.8	49	79.1	34	44.2	49	76.2	55	72.5
13	78	52.7	79	80.7	48	82.3	37	39.9	50	73.8	55	68.3
14	81	52.2	80	75.3	48	75.5	36	41.7	52	68.1	56	62.8
15	83	44.9	81	62.4	47	64.7	37	33.4	52	54.4	56	49.1
16	82	31.0	81	43.6	31	47.2	38	25.1	52	42.8	56	36.6
17	80	17.2	83	23.2	48	27.9	38	15.1	51	24.7	56	21.5
18	76	5.5	82	5.8	48	13.0	27	5.6	53	7.8	52	8.4
19	83	0.2	85	0.1	49	2.2	30	0.1	54	0.0	37	0.6
20	84	0.0	85	0.0	49	0.0	30	0.0	58	0.0	31	0.0
21	84	0.0	85	0.0	49	0.0	30	0.0	58	0.0	30	0.0
22	84	0.0	85	0.0	49	0.0	30	0.0	58	0.0	30	0.0
23	85	0.0	84	0.0	49	0.0	30	0.0	58	0.0	29	0.0
24	84	0.0	84	0.0	49	0.0	30	0.0	58	0.0	29	0.0
TOT	1991	377.7	1971	570.2	1154	605.4	789	351.8	1280	567.9	1055	541.1

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	MAY						JUNE					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	31	0.0	62	0.0	31	0.0	30	0.0	36	0.0	30	0.0
2	31	0.0	62	0.0	31	0.0	30	0.0	36	0.0	30	0.0
3	31	0.0	62	0.0	31	0.0	30	0.0	36	0.0	30	0.0
4	31	0.0	62	0.1	31	0.0	30	0.0	36	0.0	30	0.0
5	31	0.0	62	0.5	31	0.0	30	0.0	36	0.1	32	0.2
6	32	0.1	61	3.0	50	1.8	43	0.4	35	2.7	57	2.6
7	52	4.8	61	15.4	62	11.8	54	5.9	35	14.5	60	14.2
8	57	14.5	60	32.0	61	30.7	55	14.7	35	31.9	60	30.0
9	59	24.5	60	52.6	59	48.1	55	24.3	35	46.4	60	46.0
10	60	32.4	60	66.0	60	59.6	55	33.7	35	59.5	57	55.4
11	59	38.8	60	75.2	59	69.7	54	41.3	34	64.9	57	65.8
12	61	40.6	60	79.0	60	73.9	53	43.3	34	67.1	57	72.1
13	61	43.5	61	79.2	60	73.1	53	44.1	34	68.3	56	69.4
14	59	37.2	62	69.6	59	61.3	53	41.8	34	60.2	58	61.0
15	59	28.2	60	58.3	60	51.5	52	34.0	34	45.9	57	50.7
16	59	21.0	62	44.4	61	34.8	54	23.2	35	36.5	57	35.2
17	54	13.4	62	28.4	61	23.9	53	12.9	35	23.2	57	21.8
18	45	5.4	62	11.8	60	12.3	49	4.6	35	8.9	57	8.6
19	31	0.2	62	1.3	56	2.8	32	0.3	35	0.9	35	1.5
20	31	0.0	62	0.0	35	0.4	30	0.0	36	0.0	30	0.0
21	31	0.0	62	0.0	32	0.0	30	0.0	36	0.0	30	0.0
22	31	0.0	62	0.0	17	0.0	30	0.0	36	0.0	30	0.0
23	31	0.0	62	0.0	31	0.0	30	0.0	36	0.0	30	0.0
24	31	0.0	62	0.0	16	0.0	30	0.0	36	0.0	30	0.0
TOT	1058	304.6	1473	616.8	1143	555.7	1015	324.5	845	531.0	1087	534.5

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	JULY						AUGUST					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	31	0.0	31	0.7	30	0.0	31	0.0	28	0.0	29	0.0
2	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	29	0.0
3	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	29	0.0
4	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	29	0.0
5	31	0.0	31	0.0	31	0.0	31	0.0	28	0.1	29	0.0
6	34	2.4	31	1.0	22	1.2	33	0.2	28	1.5	36	0.5
7	56	7.4	30	12.3	58	10.7	56	3.8	28	13.1	55	8.7
8	59	15.9	30	29.0	40	27.6	59	12.7	28	34.9	56	27.2
9	61	30.4	30	44.2	56	44.0	60	24.2	28	52.2	53	43.0
10	60	36.3	30	62.5	59	57.4	59	35.5	26	65.7	56	52.8
11	56	44.1	30	73.9	57	65.3	59	45.2	26	75.3	56	63.5
12	55	43.1	29	75.9	56	65.6	59	50.6	29	76.1	57	68.7
13	57	42.1	31	78.2	57	65.0	58	51.0	26	77.6	58	64.1
14	59	36.6	31	71.5	58	60.2	61	46.5	24	73.8	58	58.9
15	58	31.8	31	61.4	58	49.8	59	37.5	28	59.3	57	45.7
16	58	21.3	31	45.9	58	34.4	59	23.7	29	46.6	58	31.6
17	53	10.7	31	27.9	57	19.3	58	12.5	29	29.2	58	17.2
18	46	3.0	31	10.8	54	6.8	55	3.1	27	8.2	56	4.6
19	33	0.3	31	0.7	31	1.2	31	0.4	26	0.3	31	0.5
20	32	0.0	31	0.0	31	0.0	31	0.0	29	0.2	31	0.0
21	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	30	0.0
22	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	30	0.0
23	31	0.0	31	0.0	31	0.0	31	0.0	28	0.0	30	0.0
24	31	0.0	31	0.0	30	0.0	31	0.0	28	0.0	31	0.0
TOT	1056	325.4	737	595.2	1062	508.5	1107	346.9	663	614.1	1042	487.0

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	SEPTEMBER						OCTOBER					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	30	0.0	30	0.0	30	0.0	27	0.0	27	0.0		
2	30	0.0	30	0.0	30	0.0	27	0.0	29	0.0		
3	30	0.0	30	0.0	30	0.0	27	0.0	31	0.0		
4	30	0.0	30	0.0	30	0.0	27	0.0	30	0.0		
5	30	0.0	30	0.0	30	0.0	27	0.0	31	0.0		
6	30	0.0	30	0.2	30	0.0	27	0.0	32	0.0		
7	30	2.8	30	7.7	27	2.8	36	2.1	31	3.2		
8	30	15.9	30	24.5	27	17.0	43	13.4	32	18.5		
9	30	28.2	29	42.7	25	31.3	43	24.6	33	36.4		
10	30	36.9	28	54.4	26	44.0	43	36.7	34	55.3		
11	29	47.5	27	63.5	25	54.6	43	46.8	28	67.1		
12	28	44.2	28	73.4	26	53.5	43	51.8	30	72.9		
13	31	45.5	29	75.6	27	50.8	44	53.0	24	70.6		
14	27	40.4	29	69.2	27	44.8	46	46.3	30	65.9		
15	30	35.7	28	55.9	27	33.9	46	36.3	28	53.0		
16	30	20.0	29	36.9	27	22.2	46	24.2	37	40.4		
17	30	10.1	30	19.3	27	10.9	45	12.3	37	20.8		
18	30	2.3	30	3.9	27	1.1	40	2.4	38	5.7		
19	30	0.0	30	0.0	30	0.0	31	0.0	40	0.4		
20	30	0.0	30	0.0	30	0.0	28	0.0	33	0.0		
21	30	0.0	30	0.0	30	0.0	27	0.0	31	0.0		
22	30	0.0	30	0.0	30	0.0	27	0.0	31	0.0		
23	30	0.0	30	0.0	30	0.0	26	0.0	31	0.0		
24	30	0.0	30	0.0	30	0.0	26	0.0	31	0.0		
TOT	684	329.5	707	527.2	678	366.9	845	349.9	759	510.2		

	EL YUNQUE		C.SAN JUAN		GURABO		EL YUNQUE		C.SAN JUAN		GURABO	
	NOVEMBER						DECEMBER					
HR	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD	COUNT	RAD
1	40	0.0	29	0.0	43	0.0	58	0.0	57	0.0	61	0.0
2	39	0.0	30	0.0	45	0.0	58	0.0	58	0.0	62	0.0
3	40	0.0	30	0.0	45	0.0	58	0.0	58	0.0	62	0.0
4	40	0.0	30	0.0	45	0.0	58	0.0	55	0.0	62	0.0
5	40	0.0	30	0.0	45	0.0	58	0.0	58	0.0	62	0.0
6	39	0.0	30	0.0	44	0.0	58	0.0	58	0.0	62	0.0
7	46	0.8	53	1.8	55	1.1	58	0.3	81	0.5	79	0.5
8	49	11.1	56	16.0	66	10.8	56	5.3	84	9.4	90	8.5
9	47	23.8	53	34.2	66	27.2	56	11.8	84	23.1	91	23.3
10	48	34.1	46	51.1	64	40.0	56	17.1	84	34.5	88	36.4
11	49	42.5	49	60.8	65	46.5	55	23.2	84	44.9	90	44.9
12	48	40.3	49	68.7	65	49.9	52	24.8	85	50.9	90	48.8
13	48	38.5	56	64.4	67	48.9	56	27.3	83	51.2	91	45.6
14	52	31.3	50	56.2	69	41.8	58	23.6	88	45.5	90	40.9
15	52	27.5	55	42.8	69	31.1	59	18.0	89	35.6	91	32.9
16	54	15.9	57	26.0	70	19.6	59	12.0	90	24.7	91	21.9
17	52	7.5	55	11.7	68	8.0	59	5.3	88	10.5	91	8.6
18	50	1.1	55	0.9	61	1.4	59	0.9	87	1.1	76	1.4
19	41	0.0	31	0.0	46	0.0	59	0.0	59	0.0	61	0.0
20	41	0.0	30	0.0	46	0.0	59	0.0	59	0.0	61	0.0
21	41	0.0	30	0.0	46	0.0	59	0.0	59	0.0	61	0.0
22	41	0.0	30	0.0	47	0.0	59	0.0	59	0.0	61	0.0
23	41	0.0	30	0.0	46	0.0	59	0.0	59	0.0	61	0.0
24	41	0.0	30	0.0	46	0.0	59	0.0	59	0.0	61	0.0
TOT	1080	275.4	996	434.6	1329	326.3	1385	169.6	1727	331.9	1795	313.7

TABLE 16. PERCENTAGE OF DAYLIGHT HOURS WHEN RADIATION IS AT OR ABOVE DESIGNATED INTENSITY

LANGLEYS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					CAPE SAN JUAN								
100					4	1							2
80		7	17	19	22	11	17	21	15	2	1		13
60	28	33	39	39	41	27	36	38	34	13	24	14	30
40	51	54	59	56	56	41	50	52	48	27	41	29	47
20	70	72	76	69	70	56	65	64	64	49	61	52	64
5	87	86	92	85	91	72	84	83	82	71	78	71	63
					EL YUNQUE								
100													
80	1	1	4	1	2	1	1	1	2	3	1		2
60	9	7	17	11	8	7	7	10	10	12	5	1	9
40	23	21	34	29	21	24	25	29	27	29	16	8	24
20	52	49	59	56	50	54	53	54	49	55	42	23	50
5	77	83	85	93	85	81	84	75	83	85	84	83	83
					GURABO								
100			5	2									3
80	1	6	24	16	17	10	7	5					11
60	17	29	37	33	33	31	29	27	15		10	9	24
40	44	48	57	52	49	49	48	47	33		25	27	43
20	65	69	77	75	72	71	67	66	54		49	57	66
5	83	84	93	99	93	92	89	85	72		71	82	86

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD--DRY BULB TEMPERATURE, DEW POINT, RELATIVE HUMIDITY, WIND DIRECTION, WIND VELOCITY, AND RAINFALL, BY HOUR, MONTH, AND STATION

CAPE SAN JUAN
JANUARY

HOUR	TEMPERATURE FAHRENHEIT		DEW POINT FAHRENHEIT		RELATIVE HUMIDITY PERCENT		WIND DIRECTION*		VELOCITY MILES/HR		RAINFALL INCHES/HR	
	COUNT	MEAN	COUNT	MEAN	COUNT	MEAN	COUNT	MEAN	COUNT	MEAN	COUNT	MEAN
1	62	75.32	62	71	62	87.0	62	6.7	62	9.6	62	.007
2	62	75.35	62	71	62	87.4	62	6.7	62	9.4	62	.002
3	62	75.29	62	70	62	86.3	62	7.2	62	9.4	62	0.000
4	62	75.33	62	70	62	86.2	62	6.3	62	9.1	62	.001
5	62	75.31	62	71	62	87.2	62	6.3	62	9.4	62	.000
6	62	75.24	62	71	62	87.1	62	6.0	62	9.2	62	.001
7	62	75.63	62	70	62	84.2	62	6.5	62	9.1	62	.004
8	62	77.35	62	69	62	78.5	62	6.0	62	9.2	62	.000
9	62	79.45	62	69	62	73.3	62	6.4	62	9.3	62	.002
10	62	80.48	62	68	62	70.9	62	6.3	62	9.5	62	.006
11	62	81.59	62	70	62	68.3	62	6.4	62	9.3	62	.006
12	62	81.86	62	70	62	67.8	62	6.4	62	9.7	62	.003
13	61	81.76	60	67	62	68.6	62	6.4	62	9.7	62	.004
14	61	81.77	60	67	62	69.2	62	6.7	62	9.8	62	.000
15	61	80.79	60	67	62	72.5	62	6.3	62	9.6	62	.000
16	61	79.21	60	69	62	79.2	62	6.5	62	10.0	62	0.000
17	61	77.58	60	70	62	83.8	62	6.5	62	10.2	62	0.000
18	61	76.56	60	70	62	86.5	62	6.6	62	10.1	62	.000
19	61	76.35	60	69	62	86.6	62	6.9	62	10.1	62	.001
20	61	76.46	60	69	62	86.2	62	6.8	62	10.3	62	0.000
21	61	76.21	60	69	62	86.7	62	6.8	62	10.3	62	.001
22	61	76.11	60	70	62	87.1	62	7.0	62	10.3	62	.008
23	61	75.90	60	69	62	87.5	62	7.2	62	10.2	62	.008
24	61	75.68	60	69	62	87.0	62	6.9	62	10.0	62	.008
	1476	77.61	1464	69	1488	81.1	1488	6.6	1488	9.7	1488	.003

* COMPASS DIRECTIONS WERE ASSIGNED VALUES OF 1-16, PROCEEDING CLOCKWISE FROM NORTH NORTHEAST, 1, TO NORTH, 16, THEN AVERAGED ARITHMETICALLY.

MEAN VALUES ARE THE AVERAGE OF MEANS FOR A CALENDAR MONTH.

RAINFALL VALUES ARE TRUNCATED, NOT ROUNDED OFF. VALUES LISTED AS ZERO BUT WITHOUT A PRINTED ZERO BEFORE THE DECIMAL POINT ACTUALLY HAD TRACES OF RAINFALL.

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN

FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	57	75.79	57	70	57	86.6	57	8.1	57	9.2	57	.000
2	57	75.64	57	72	57	87.7	57	7.9	57	9.0	57	.000
3	57	75.47	57	71	57	87.8	57	7.4	57	8.9	57	0.000
4	57	75.25	57	71	57	88.0	57	7.3	57	8.8	57	.001
5	56	75.23	56	71	56	87.4	56	8.1	56	8.7	56	.000
6	57	75.20	57	71	57	87.3	57	8.2	57	8.7	57	.001
7	57	76.28	57	71	57	84.8	57	7.7	57	9.0	57	.000
8	57	78.47	57	71	57	78.4	57	8.4	57	9.0	57	.000
9	57	80.78	57	70	57	72.1	57	8.2	57	9.1	57	.003
10	57	82.61	57	70	57	67.5	57	8.4	57	9.3	57	.000
11	57	83.58	57	70	57	64.7	57	7.8	57	9.3	57	.001
12	57	83.80	57	69	57	64.2	57	8.7	57	10.0	57	.008
13	57	83.67	57	70	57	64.9	57	7.8	57	10.0	57	.008
14	57	83.47	57	70	57	66.1	57	7.9	57	9.7	57	.000
15	57	82.40	57	71	57	68.8	57	8.3	57	10.0	57	0.000
16	57	81.13	57	71	57	72.3	57	8.1	57	9.9	57	0.000
17	57	78.77	57	72	57	80.0	57	8.1	57	9.9	57	.000
18	57	77.53	57	72	57	84.0	57	8.2	57	9.6	57	.000
19	57	76.86	57	72	57	85.7	57	8.3	57	9.6	57	.005
20	57	76.72	57	72	57	86.0	57	8.2	57	9.9	57	.000
21	57	76.67	57	72	57	85.6	57	8.2	57	9.8	57	.000
22	57	76.40	57	72	57	85.7	57	8.0	57	9.8	57	.001
23	57	76.20	57	72	57	86.4	57	7.8	57	9.5	57	.006
24	57	76.07	57	72	57	88.0	57	8.4	57	9.5	57	.004
	1367	78.50	1367	71	1367	79.6	1367	8.1	1367	9.4	1367	.002

MARCH

1	91	75.42	62	71	92	86.4	92	6.5	92	10.3	92	.000
2	90	75.29	62	71	91	86.6	91	6.2	91	10.2	91	.000
3	90	75.12	62	71	91	86.1	91	6.1	91	10.3	91	.000
4	90	74.97	62	71	91	86.6	91	6.1	91	10.4	91	.000
5	90	74.81	62	70	91	86.4	91	5.8	91	10.0	91	.000
6	90	74.88	62	70	91	85.6	91	6.2	91	10.4	91	.002
7	90	76.34	62	71	91	82.6	91	5.8	91	10.2	91	.007
8	90	78.45	61	70	91	78.5	91	6.0	91	10.2	91	.000
9	89	80.79	61	70	91	73.1	91	6.2	91	10.7	91	0.000
10	89	82.12	61	69	91	70.3	91	6.0	91	10.7	91	.000
11	89	83.20	61	69	91	68.1	91	6.0	91	11.0	91	0.000
12	89	83.75	61	70	91	67.5	91	6.0	91	11.0	91	.001
13	89	83.90	61	70	91	67.7	91	6.9	91	11.1	91	.000
14	89	83.19	61	70	91	69.2	91	6.5	91	10.8	91	.003
15	88	82.29	61	70	91	71.6	91	6.6	91	11.4	91	.001
16	91	81.01	62	72	92	74.6	92	6.6	92	11.2	92	.003
17	91	78.46	62	72	92	80.0	92	6.5	92	11.0	92	.002
18	90	76.96	62	72	91	83.7	91	6.9	91	10.7	91	.003
19	91	76.15	62	72	92	86.2	92	6.7	92	10.8	92	.006
20	91	76.08	62	72	92	86.4	92	6.7	92	10.8	92	.003
21	90	76.13	61	72	91	86.0	91	6.9	91	11.0	91	.000
22	90	76.03	61	72	91	86.2	91	6.2	91	10.9	91	.000
23	90	75.84	61	70	91	85.8	91	6.7	91	10.9	91	.000
24	91	75.80	61	70	92	85.8	92	6.7	92	10.6	92	.000
	2158	78.19	1476	71	2190	80.0	2190	6.4	2190	10.7	2190	.001

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN
APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	56	78.36	54	65	59	84.3	59	4.7	59	15.1	59	.001
2	56	78.36	54	66	59	85.0	59	4.7	59	15.0	59	.001
3	56	78.21	54	66	59	85.1	59	5.0	59	14.7	59	.000
4	56	78.25	54	66	59	84.8	59	5.0	59	14.5	59	.003
5	56	78.11	54	66	59	84.8	59	4.9	59	14.8	59	.001
6	55	78.13	53	66	58	84.8	58	4.8	58	14.9	58	.006
7	54	79.86	53	66	58	81.7	58	4.9	58	15.2	58	0.000
8	54	81.69	52	67	57	78.9	57	4.9	57	14.9	57	.000
9	55	82.96	53	66	59	77.2	59	5.0	59	15.0	59	.004
10	54	84.31	53	66	59	75.1	59	5.0	59	14.7	59	0.000
11	54	85.00	52	65	60	74.2	60	5.0	60	14.7	60	0.000
12	54	84.96	53	66	60	75.1	60	4.9	60	14.6	60	.000
13	56	84.43	54	67	60	74.5	60	5.1	60	15.0	60	.004
14	56	84.24	54	67	60	76.0	60	5.6	60	14.7	60	.000
15	56	83.60	54	67	60	76.2	60	5.3	60	14.9	60	.004
16	56	82.60	54	66	60	78.5	60	5.4	60	14.7	60	.000
17	57	81.16	54	66	60	81.2	60	5.3	60	14.5	60	.002
18	58	79.91	54	65	61	83.5	61	5.2	61	14.0	61	0.000
19	57	79.38	54	66	60	83.2	60	5.1	60	14.9	60	.003
20	57	79.01	54	66	60	84.1	60	4.8	60	14.9	60	.00[illegible]
21	57	78.99	53	65	60	84.4	60	4.9	60	14.9	60	.010
22	55	79.06	53	73	60	84.7	60	4.9	60	15.1	6[illegible]	.009
23	55	78.93	53	65	60	84.9	60	4.7	60	15.4	6[illegible]	.000
24	56	78.66	53	65	61	84.8	61	4.9	61	15.3	61	.000
	1336	80.74	1283	66	1428	81.1	1428	5.0	1428	14.8	1428	.002

MAY

1	53	80.32	53	65	62	88.1	62	5.5	62	13.2	62	.012
2	53	80.23	53	64	62	88.5	62	5.3	62	13.0	62	.016
3	53	79.90	53	64	62	88.1	62	5.2	62	12.9	62	.003
4	53	79.95	53	65	62	87.9	62	5.4	62	13.0	62	.015
5	53	79.98	53	64	62	87.9	62	5.7	62	13.3	62	.001
6	53	79.97	53	65	62	88.3	62	5.5	62	13.4	62	.004
7	53	81.64	53	64	62	83.3	62	5.3	62	13.4	62	.004
8	53	83.24	53	65	62	80.2	62	5.1	62	13.2	62	0.000
9	53	84.42	53	65	62	77.6	62	5.2	62	13.0	62	0.000
10	53	85.36	52	63	62	76.6	62	5.3	62	13.4	62	.003
11	54	86.00	53	64	63	75.6	63	5.3	63	13.5	63	.004
12	52	85.96	50	61	62	77.0	62	5.5	62	14.0	62	.008
13	53	85.91	52	64	62	77.0	62	5.7	62	14.4	62	.000
14	53	85.42	52	64	62	78.2	62	5.6	62	13.8	62	.014
15	52	84.57	52	66	60	78.7	60	5.6	60	14.2	60	.005
16	54	83.72	54	66	62	79.8	62	6.3	62	14.1	62	.001
17	54	82.83	54	66	62	82.5	62	6.3	62	14.2	62	.000
18	54	81.80	54	66	62	84.8	62	6.0	62	13.6	62	.001
19	54	81.32	54	67	62	86.2	62	5.8	62	13.6	62	.007
20	54	81.15	54	67	62	87.2	62	5.7	62	13.5	62	0.000
21	54	81.12	54	66	62	86.8	62	5.7	62	14.2	62	.000
22	54	81.10	54	66	62	86.8	62	5.6	62	13.8	62	.000
23	54	80.91	54	66	62	87.4	62	5.7	62	14.0	62	0.000
24	54	80.67	54	66	62	87.6	62	5.7	62	14.2	62	.001
	1280	82.39	1274	65	1487	83.4	1487	5.6	1487	13.6	1487	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	78.22	60	73	60	85.9	60	4.3	60	11.8	60	.002
2	60	78.10	60	71	60	85.6	60	4.3	60	11.8	60	.003
3	60	77.94	60	75	60	85.8	60	4.4	60	11.5	60	.000
4	60	77.94	60	73	60	86.3	60	4.3	60	11.0	60	.004
5	60	77.93	60	73	60	86.1	60	4.4	60	11.3	60	.001
6	60	78.20	60	73	60	85.6	60	4.2	60	10.2	60	0.000
7	60	79.89	60	75	60	81.2	60	4.1	60	10.1	60	0.000
8	60	81.44	60	73	60	78.2	60	4.1	60	10.1	60	.000
9	60	82.25	60	73	60	75.7	60	4.0	60	10.1	60	.000
10	60	83.09	60	74	60	74.6	60	4.3	60	10.4	60	0.000
11	60	83.92	60	74	60	74.3	60	4.0	60	10.9	60	.006
12	60	84.03	60	74	60	73.3	60	4.3	60	12.8	60	.001
13	60	84.45	60	74	60	72.4	60	4.5	60	12.1	60	.001
14	60	83.81	60	74	60	74.2	60	4.8	60	12.7	60	.008
15	59	83.34	58	73	59	76.1	59	5.0	59	13.0	59	.001
16	59	82.35	59	71	60	78.4	60	4.9	60	12.8	60	.000
17	60	81.51	60	75	60	80.4	60	5.0	60	12.9	60	0.000
18	61	80.25	61	74	61	83.2	61	5.0	61	12.6	61	.000
19	60	79.40	60	74	60	83.6	60	4.7	60	13.0	60	.004
20	60	79.04	60	74	60	84.0	60	4.8	60	13.2	60	.008
21	60	78.83	60	74	60	85.0	60	4.6	60	12.4	60	.002
22	60	78.87	60	74	60	84.8	60	4.7	60	12.4	60	.001
23	60	78.59	60	73	60	84.9	60	4.6	60	12.2	60	.003
24	60	78.41	60	74	60	85.4	60	4.3	60	12.0	60	.000
	1439	80.49	1438	73	1440	81.0	1440	4.5	1440	11.8	1440	.002

JULY

1	62	77.29	56	66	62	89.1	62	4.0	62	16.3	62	.012
2	62	77.32	56	66	62	88.4	62	4.1	62	16.4	62	0.000
3	62	77.20	56	66	62	88.5	62	4.2	62	16.3	62	.003
4	62	77.16	56	66	62	88.7	62	4.1	62	15.8	62	.001
5	62	76.90	56	66	62	88.7	62	4.2	62	15.3	62	.002
6	62	77.40	56	66	62	88.2	62	4.1	62	15.4	62	.004
7	62	79.29	56	66	62	83.0	62	4.0	62	15.1	62	.000
8	62	81.26	56	66	62	80.1	62	4.0	62	15.0	62	.000
9	62	82.80	56	67	62	77.4	62	4.0	62	15.0	62	.004
10	62	83.50	55	65	62	75.7	62	3.9	62	14.9	62	0.000
11	62	84.89	55	66	62	75.5	62	4.2	62	14.5	62	.001
12	62	84.86	55	66	62	74.8	62	4.2	62	14.7	62	.004
13	61	85.14	56	67	62	73.6	62	4.5	62	14.9	62	.003
14	60	84.65	55	66	62	74.5	62	4.4	62	14.9	62	.002
15	61	83.79	56	67	62	77.1	62	4.3	62	15.6	62	.000
16	62	82.82	57	69	62	79.7	62	4.3	62	14.8	62	.000
17	62	81.09	56	67	62	83.2	62	4.4	62	15.6	62	.000
18	62	79.22	56	67	62	87.0	62	4.1	62	16.0	62	.000
19	62	78.37	56	67	62	88.1	62	4.0	62	15.4	62	.000
20	62	78.29	56	67	62	88.6	62	3.9	62	15.6	62	.000
21	62	77.95	56	66	62	88.3	62	3.9	62	15.9	62	.001
22	62	77.75	56	66	62	87.8	62	3.8	62	16.2	62	.005
23	62	77.79	56	66	62	88.7	62	3.9	62	16.1	62	.004
24	62	77.51	56	66	62	89.2	62	3.9	62	16.1	62	.002
	1484	80.16	1341	66	1488	83.5	1488	4.1	1488	15.5	1488	.002

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	79.68	58	71	59	87.2	59	2.9	59	12.8	59	.000
2	61	79.49	58	71	61	88.1	61	3.0	61	13.4	61	.005
3	60	79.10	57	71	60	87.9	60	3.1	60	13.8	60	.008
4	60	79.03	57	71	60	80.2	60	3.2	60	13.4	60	.018
5	61	78.87	58	71	61	87.3	61	3.1	61	12.6	61	.006
6	61	79.10	58	71	61	87.4	61	3.0	61	12.5	61	.002
7	61	81.06	58	71	61	83.5	61	3.3	61	12.6	61	.006
8	61	82.96	58	71	61	78.9	61	3.1	61	12.6	61	.002
9	61	84.09	58	72	61	76.9	61	3.1	61	12.4	61	.001
10	61	85.42	58	72	61	74.8	61	3.2	61	12.6	61	.008
11	60	86.25	57	72	60	73.7	60	3.3	60	13.0	60	.012
12	61	86.36	57	71	61	74.5	61	3.1	61	12.6	61	.016
13	59	86.64	55	69	59	75.5	59	3.2	59	12.7	59	.002
14	58	86.55	55	73	58	76.6	58	3.7	58	13.7	58	.000
15	61	85.00	58	73	61	79.6	61	3.8	61	14.4	61	.005
16	61	83.95	58	73	61	82.8	61	4.0	61	14.2	61	.000
17	60	82.66	57	72	61	85.0	61	3.7	61	14.0	61	.001
18	57	81.01	54	71	58	87.2	58	3.5	58	14.5	58	.000
19	60	80.18	57	72	60	88.2	60	3.4	60	14.4	60	.003
20	59	79.98	56	70	61	88.3	61	3.2	61	13.3	61	.035
21	61	79.85	58	71	61	88.2	61	3.0	61	13.5	61	.005
22	61	79.94	58	72	61	88.4	61	3.0	61	13.9	61	.009
23	61	79.80	58	71	61	88.5	61	3.0	61	13.7	61	.001
24	61	79.87	58	72	61	88.6	61	3.0	61	13.6	61	.000
	1446	81.95	1374	71	1450	83.5	1450	3.2	1450	13.3	1450	.006

SEPTEMBER

1	30	78.13	30	74	30	88.8	30	5.9	30	7.2	30	0.000
2	30	78.03	30	74	30	88.2	30	6.0	30	6.9	30	0.000
3	30	77.53	30	74	30	88.3	30	6.0	30	7.4	30	0.000
4	30	77.76	30	74	30	88.6	30	6.1	30	6.7	30	0.000
5	30	77.70	30	74	30	89.1	30	6.2	30	7.0	30	0.000
6	30	77.70	30	74	30	88.7	30	5.7	30	7.0	30	0.000
7	30	79.36	30	74	30	83.6	30	6.0	30	6.6	30	0.000
8	30	81.16	30	75	30	80.6	30	6.5	30	6.7	30	0.000
9	30	82.16	30	75	30	79.0	30	6.4	30	7.0	30	0.000
10	29	83.10	29	75	29	77.0	29	6.1	29	6.7	29	0.000
11	29	83.41	29	75	29	76.5	29	6.1	29	7.0	29	0.000
12	30	84.43	30	75	30	74.1	30	6.1	30	7.2	30	0.000
13	30	84.46	30	75	30	73.4	30	5.8	30	7.7	30	0.000
14	30	84.23	30	75	30	74.3	30	5.9	30	7.4	30	0.000
15	30	82.96	30	75	30	77.8	30	6.4	30	7.3	30	0.000
16	30	81.63	30	75	30	81.7	30	6.5	30	7.9	30	0.000
17	30	80.00	30	75	30	84.8	30	6.8	30	7.5	30	0.000
18	30	78.93	30	75	30	88.0	30	6.6	30	7.5	30	0.000
19	30	78.86	30	74	30	86.9	30	6.6	30	7.6	30	0.000
20	30	78.86	30	75	30	87.7	30	6.2	30	7.6	30	0.000
21	30	78.76	30	74	30	86.2	30	6.4	30	7.7	30	0.000
22	30	78.70	30	74	30	87.4	30	6.2	30	7.3	30	0.000
23	30	78.60	30	75	30	88.7	30	6.0	30	7.1	30	0.000
24	30	78.30	30	74	30	88.4	30	6.2	30	7.3	30	0.000
	718	80.19	718	74	718	83.7	718	6.2	718	7.2	718	0.000

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	54	78.98	31	74	54	86.4	54	5.5	54	9.9	54	.006
2	68	78.85	39	74	69	88.3	69	5.7	69	10.9	69	.000
3	65	78.45	42	74	67	87.2	67	6.2	67	9.8	67	.001
4	61	78.24	36	73	62	88.3	62	5.6	62	9.5	62	.003
5	60	78.13	38	73	60	86.8	60	5.6	60	8.6	60	.006
6	78	78.34	47	73	80	87.9	80	5.9	80	9.7	80	.004
7	77	80.08	46	74	79	85.2	79	5.7	79	9.7	79	0.000
8	74	81.48	44	74	75	82.6	75	5.3	75	9.3	75	.002
9	77	83.15	46	74	78	80.0	78	5.6	78	9.7	78	.001
10	76	83.81	47	74	78	77.9	78	5.8	78	9.9	78	.008
11	66	84.27	39	74	67	77.1	67	5.4	67	9.9	67	.005
12	70	84.49	42	74	71	77.0	71	6.0	71	10.1	71	.001
13	59	84.18	37	73	62	76.4	62	5.2	62	10.1	62	.002
14	68	83.98	42	74	70	78.1	70	5.8	70	10.3	70	.003
15	65	82.65	41	75	65	78.9	65	5.9	65	10.5	65	.000
16	81	81.61	49	75	81	83.3	81	6.3	81	11.2	81	.000
17	82	80.43	50	75	82	85.5	82	6.3	82	11.0	82	.003
18	81	79.75	49	74	81	86.7	81	6.2	81	11.2	81	.004
19	81	79.55	49	75	81	87.2	81	6.2	81	10.8	81	.000
20	69	79.61	42	75	69	86.3	69	5.7	69	10.5	69	.001
21	64	79.47	41	74	64	85.0	64	5.7	64	10.1	64	.002
22	74	79.37	44	74	74	86.8	74	6.2	74	11.1	74	.001
23	73	79.31	44	75	73	86.9	73	5.5	73	10.9	73	.001
24	77	79.12	47	74	77	87.6	77	5.8	77	11.0	77	.000
	1700	80.72	1032	74	1719	83.9	1719	5.8	1719	10.3	1719	.002

NOVEMBER

1	75	78.00	50	75	78	86.7	78	4.0	78	6.0	78	.000
2	75	77.85	49	74	78	87.1	78	4.2	78	5.6	78	.000
3	84	77.48	58	74	87	87.3	87	4.2	87	5.2	87	.001
4	75	77.60	49	74	78	87.3	78	4.3	78	5.4	78	.001
5	83	77.33	57	74	86	88.1	86	3.9	86	5.2	86	.005
6	85	77.39	59	74	88	87.7	88	3.9	88	4.9	88	.011
7	81	78.96	55	74	84	84.2	84	3.9	84	5.3	84	.003
8	84	80.75	58	74	87	80.3	87	3.9	87	5.3	87	.001
9	80	82.42	54	74	83	76.9	83	4.0	83	5.1	83	.008
10	76	83.43	49	74	78	74.0	78	3.7	78	5.3	78	.000
11	79	84.04	51	73	80	73.2	80	3.3	80	5.1	80	.000
12	80	84.34	53	74	83	71.9	83	3.9	83	5.6	83	.000
13	86	83.86	59	74	89	72.7	89	3.9	89	5.5	89	0.000
14	79	83.01	52	74	83	75.0	83	3.7	83	5.1	83	.003
15	84	81.54	57	74	87	78.2	87	3.8	87	5.6	87	.000
16	87	80.39	60	74	89	81.1	89	4.5	89	6.0	89	.003
17	86	79.23	59	74	88	84.1	88	4.6	88	6.2	88	.001
18	87	78.65	59	74	88	85.1	88	4.4	88	5.7	88	.004
19	81	78.49	53	75	82	85.6	82	3.7	82	6.0	82	.002
20	75	78.29	47	75	76	85.8	76	3.6	76	6.2	76	.001
21	81	78.38	53	74	82	85.0	82	3.4	82	6.1	82	.002
22	81	78.32	54	74	83	85.1	83	3.6	83	6.5	83	.001
23	84	78.19	58	74	87	85.8	87	4.0	87	6.5	87	.000
24	81	78.02	55	74	84	86.2	84	4.0	84	6.4	84	.002
	1949	79.83	1308	74	2008	82.3	2008	3.9	2008	5.7	2008	.002

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CAPE SAN JUAN
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	89	75.93	55	72	92	89.7	92	3.8	92	10.3	92	.009
2	90	75.63	57	73	93	90.0	93	3.9	93	10.1	93	.006
3	90	75.63	57	71	93	88.6	93	3.6	93	10.2	93	.002
4	88	75.64	57	73	91	88.7	91	3.3	91	10.0	91	.004
5	90	75.58	57	70	93	88.3	93	3.4	93	10.1	93	.002
6	90	75.50	57	71	93	89.3	93	3.3	93	9.9	93	.005
7	90	76.07	57	74	93	87.8	93	3.4	93	9.8	93	.001
8	90	77.61	57	71	93	84.6	93	3.4	93	9.8	93	.007
9	90	79.07	57	70	93	80.3	93	3.4	93	9.7	93	.001
10	90	79.85	57	70	93	79.0	93	3.4	93	9.7	93	.000
11	89	80.67	57	73	93	77.0	93	3.5	93	10.1	93	.003
12	89	80.02	57	72	93	77.6	93	3.5	93	10.2	93	.001
13	90	80.77	56	69	93	77.2	93	4.0	93	9.9	93	.000
14	90	80.35	57	70	93	78.2	93	3.8	93	9.7	93	.000
15	90	79.71	57	71	93	79.7	93	3.8	93	10.0	93	.004
16	90	78.57	57	71	93	82.8	93	4.1	93	10.4	93	.013
17	90	77.41	57	72	93	87.0	93	4.0	93	10.5	93	.002
18	90	76.62	58	72	93	89.2	93	4.2	93	10.7	93	.001
19	89	76.40	57	74	93	90.0	93	3.9	93	10.5	93	.007
20	89	76.30	57	72	93	89.3	93	3.9	93	10.6	93	.008
21	89	76.31	57	72	93	89.6	93	4.3	93	10.7	93	.001
22	89	76.22	57	72	93	90.2	93	4.0	93	10.6	93	.001
23	89	76.13	57	71	93	89.5	93	3.8	93	10.6	93	.005
24	89	75.33	57	72	93	90.2	93	3.7	93	10.2	93	.012
	2149	77.39	1366	71	2229	85.6	2229	3.7	2229	10.2	2229	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	54	62.72	54	62	62	99.3	62	6.4	62	11.2	62	.007
2	53	62.68	54	62	62	99.3	62	6.2	62	11.3	62	.012
3	53	62.50	53	62	62	99.1	62	5.4	62	11.0	62	.007
4	52	62.25	52	62	62	99.2	62	6.3	62	11.1	62	.005
5	52	62.31	52	62	62	99.3	62	5.9	62	11.3	62	.013
6	52	62.38	52	62	62	99.4	62	5.7	62	11.5	62	.009
7	52	62.52	52	62	62	99.4	62	5.7	62	11.4	62	.011
8	51	63.05	51	63	62	99.3	62	5.7	62	11.6	62	.013
9	50	63.51	49	63	62	98.9	62	6.1	62	11.3	62	.009
10	51	64.08	51	64	62	97.7	62	6.6	62	11.3	62	.010
11	53	64.59	53	64	62	96.7	62	7.0	62	10.2	62	.006
12	55	65.03	55	64	62	95.6	62	6.5	62	9.8	62	.014
13	55	65.00	55	63	62	95.0	62	7.3	62	9.8	62	.009
14	56	64.81	56	64	62	96.2	62	7.4	62	9.9	62	.003
15	56	64.56	56	64	62	97.4	62	7.6	62	10.2	62	.010
16	56	64.15	56	64	62	98.4	62	7.3	62	10.0	62	.007
17	56	63.64	55	63	62	98.7	62	7.2	62	10.3	62	.014
18	55	63.17	55	63	62	99.1	62	7.0	62	10.5	62	.013
19	55	63.00	55	62	62	98.7	62	6.6	62	10.8	62	.005
20	55	62.99	55	62	62	98.5	62	5.9	62	10.9	62	.009
21	55	62.93	55	62	62	98.5	62	5.9	62	11.0	62	.010
22	55	62.88	55	62	62	98.8	62	5.6	62	11.0	62	.006
23	53	62.86	53	62	61	98.8	61	6.1	61	11.5	61	.013
24	53	62.91	53	62	61	99.1	61	5.7	61	11.5	61	.009
	1288	63.37	1287	63	1486	98.4	1486	6.4	1486	10.8	1486	.009

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE
FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	56	62.89	56	61	57	97.3	57	1.5	57	4.9	57	.001
2	56	62.81	56	62	57	97.8	57	1.4	57	4.9	57	.006
3	53	62.57	53	62	54	97.0	54	1.4	54	4.5	54	.007
4	56	62.54	56	62	57	97.3	57	1.4	57	4.8	57	.005
5	55	62.47	55	62	57	96.9	57	1.4	57	4.6	57	.005
6	55	62.37	55	62	57	97.1	57	1.4	57	4.7	57	.005
7	55	62.42	55	62	57	96.9	57	1.5	57	4.8	57	.009
8	55	63.14	55	62	57	97.0	57	1.5	57	4.9	57	.009
9	55	64.20	55	63	57	95.3	57	1.4	57	4.8	57	.009
10	55	65.00	55	64	57	93.5	57	1.4	57	4.9	57	.005
11	55	65.86	55	64	57	91.2	57	1.5	57	4.9	57	.008
12	55	66.31	55	64	57	90.8	57	1.4	57	4.6	57	.012
13	56	66.18	56	64	57	91.5	57	1.7	57	4.4	57	.040
14	56	66.10	56	64	57	92.0	57	1.7	57	4.4	57	.024
15	57	65.82	56	64	57	92.5	57	1.8	57	4.6	57	.008
16	57	65.40	56	64	57	94.4	57	1.7	57	4.5	57	.006
17	57	64.79	57	64	57	95.7	57	1.7	57	4.5	57	.000
18	57	64.30	57	64	57	96.4	57	1.6	57	4.4	57	.002
19	56	63.72	56	62	57	96.8	57	1.6	57	4.5	57	.002
20	53	63.65	53	62	54	96.7	54	1.5	54	4.4	54	.005
21	56	63.32	56	62	57	96.2	57	1.4	57	4.6	57	.016
22	56	63.21	56	62	57	97.1	57	1.4	57	4.9	57	.011
23	56	63.31	56	62	57	97.1	57	1.4	57	4.6	57	.004
24	56	63.03	56	62	57	97.1	57	1.4	57	4.7	57	.004
	1334	63.98	1332	63	1362	95.5	1362	1.5	1362	4.7	1362	.009

MARCH

1	81	62.66	38	63	92	99.5	92	1.8	92	5.8	92	.003
2	80	62.53	38	61	92	99.5	92	1.8	92	5.7	92	.008
3	80	62.44	38	61	92	99.8	92	1.7	92	5.7	92	.009
4	80	62.29	38	62	92	99.6	92	1.8	92	5.8	92	.008
5	79	62.40	36	62	91	99.6	91	1.7	91	5.7	91	.013
6	80	62.29	37	62	92	99.6	92	1.7	92	5.5	92	.009
7	80	62.66	37	63	92	99.7	92	1.7	92	5.7	92	.010
8	79	63.26	36	63	92	99.0	92	1.7	92	5.5	92	.004
9	78	64.13	34	64	92	98.7	92	1.7	92	5.2	92	.013
10	79	64.64	35	64	92	98.2	92	1.8	92	5.2	92	.009
11	79	65.34	35	64	92	97.4	92	2.0	92	5.3	92	.018
12	79	65.67	34	64	92	96.7	92	2.0	92	5.1	92	.017
13	79	65.92	35	64	93	96.2	93	2.3	93	5.8	93	.007
14	81	66.01	37	64	93	96.0	93	2.7	93	6.4	93	.004
15	81	65.61	37	64	93	96.6	93	2.6	93	6.6	93	.003
16	83	65.10	38	64	94	97.5	94	2.7	94	6.7	94	.005
17	82	64.30	38	64	93	98.7	93	2.7	93	6.8	93	.010
18	82	63.65	38	64	93	99.8	93	2.6	93	6.8	93	.010
19	82	63.23	37	64	94	99.5	94	2.5	94	7.1	94	.010
20	82	63.25	37	64	94	99.3	94	2.3	94	6.9	94	.010
21	82	63.16	38	64	93	99.4	93	2.0	93	6.8	93	.015
22	81	63.17	37	63	93	99.9	93	1.8	93	6.7	93	.010
23	83	63.01	38	64	94	99.7	94	2.7	94	6.5	94	.004
24	83	62.89	38	64	94	99.4	94	1.8	94	6.2	94	.010
	1935	63.73	884	63	2224	98.7	2224	2.1	2224	6.1	2224	.009

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE

APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	65.00	59	64	59	99.8	59	3.3	59	9.5	59	.030
2	59	64.89	59	64	59	99.7	59	3.2	59	9.6	59	.034
3	59	64.58	59	64	59	99.7	59	3.2	59	9.9	59	.020
4	59	64.57	59	64	59	99.7	59	3.2	59	10.0	59	.025
5	59	64.55	59	64	59	99.8	59	3.2	59	9.6	59	.017
6	59	64.63	59	64	59	99.7	59	3.2	59	9.8	59	.013
7	59	64.62	59	64	59	99.5	59	3.1	59	9.9	59	.022
8	59	65.07	59	65	59	99.1	59	3.1	59	9.7	59	.029
9	58	65.52	59	65	59	98.8	59	2.9	59	9.3	59	.021
10	59	65.89	59	65	59	98.7	59	2.6	59	9.2	59	.031
11	59	66.34	59	65	59	97.7	59	2.9	59	9.1	59	.027
12	59	66.66	59	66	59	97.8	59	2.5	59	8.4	59	.056
13	57	66.94	57	66	59	95.8	59	3.3	59	9.5	59	.056
14	57	66.89	57	66	59	96.0	59	3.5	59	9.9	59	.045
15	58	66.65	58	65	60	95.6	60	3.8	60	10.3	60	.037
16	58	66.37	58	65	60	96.7	60	3.7	60	10.8	60	.018
17	58	65.99	58	64	60	97.3	60	3.6	60	10.5	60	.007
18	58	65.62	58	65	60	98.8	60	3.3	60	10.6	60	.007
19	58	65.12	58	64	60	99.2	60	3.3	60	10.4	60	.015
20	58	65.13	58	65	60	99.8	60	3.3	60	10.4	60	.015
21	57	65.05	57	64	59	99.6	59	3.3	59	10.4	59	.004
22	58	64.96	58	65	60	99.6	60	3.0	60	9.8	60	.019
23	58	65.06	58	65	60	99.8	60	3.1	60	9.3	60	.015
24	58	65.30	58	65	60	99.8	60	3.2	60	9.3	60	.022
	1400	65.47	1401	65	1425	98.7	1425	3.2	1425	9.8	1425	.024

MAY

1	59	65.39	52	64	62	99.0	62	2.1	62	5.8	62	.018
2	59	65.26	52	64	62	98.7	62	1.9	62	5.9	62	.028
3	59	65.01	52	64	62	99.1	62	1.8	62	5.9	62	.027
4	59	65.06	52	64	62	99.5	62	1.8	62	5.9	62	.016
5	59	64.90	52	64	62	99.3	62	2.0	62	5.9	62	.031
6	59	65.08	52	64	62	99.3	62	1.9	62	6.2	62	.022
7	59	65.30	52	65	62	99.0	62	1.9	62	6.2	62	.022
8	59	65.65	52	65	62	99.1	62	1.7	62	5.8	62	.030
9	60	66.24	53	65	62	98.6	62	1.8	62	5.4	62	.056
10	60	66.80	52	65	62	98.0	62	1.8	62	5.2	62	.046
11	59	66.98	51	66	62	97.5	62	2.1	62	5.8	62	.020
12	59	67.32	51	66	62	96.8	62	2.4	62	6.2	62	.018
13	60	67.31	53	66	62	96.9	62	2.7	62	6.0	62	.048
14	60	67.15	53	66	62	97.9	62	2.3	62	5.5	62	.021
15	59	66.68	53	66	62	98.5	62	2.6	62	6.0	62	.036
16	59	66.33	53	66	62	98.1	62	2.6	62	6.3	62	.013
17	59	65.77	53	64	62	98.2	62	2.7	62	6.2	62	.021
18	58	65.54	52	64	61	98.8	61	2.7	61	6.1	61	.010
19	59	65.40	52	64	62	98.9	62	2.5	62	6.1	62	.027
20	59	65.40	51	64	62	99.2	62	2.4	62	6.6	62	.012
21	59	65.42	52	64	62	99.2	62	2.3	62	6.6	62	.009
22	59	65.50	52	64	62	99.5	62	2.3	62	6.4	62	.011
23	59	65.41	51	64	62	98.7	62	2.2	62	6.5	62	.015
24	58	65.50	50	64	62	98.2	62	2.1	62	6.4	62	.011
	1418	65.85	1248	65	1487	98.6	1487	2.2	1487	6.0	1487	.024

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	60	65.80	60	65	60	98.8	60	2.6	60	7.5	60	.016
2	60	65.85	60	65	60	98.8	60	2.6	60	7.7	60	.022
3	60	65.61	60	65	60	98.8	60	2.6	60	7.6	60	.021
4	60	65.62	60	65	60	98.8	60	2.6	60	8.0	60	.018
5	59	65.55	59	65	59	98.8	59	2.5	59	9.2	59	.011
6	61	65.82	61	65	61	98.8	61	2.4	61	8.9	61	.018
7	60	66.02	60	65	60	98.7	60	2.5	60	9.1	60	.008
8	60	66.33	60	66	60	98.6	60	2.5	60	8.8	60	.012
9	60	66.72	60	66	60	97.9	60	2.5	60	8.5	60	.012
10	60	67.12	60	66	60	97.8	60	2.5	60	8.4	60	.012
11	59	67.51	59	66	60	96.8	60	2.6	60	8.3	60	.014
12	60	67.68	60	66	60	96.4	60	2.4	60	8.2	60	.047
13	58	67.78	58	66	60	95.0	60	2.6	60	7.3	60	.044
14	59	67.74	59	66	60	95.6	60	2.5	60	7.5	60	.018
15	58	67.52	58	66	59	96.5	59	2.6	59	7.7	59	.022
16	60	67.21	60	66	60	97.5	60	2.5	60	7.4	60	.013
17	60	66.84	60	66	60	97.6	60	2.5	60	7.0	60	.008
18	60	66.56	60	66	60	97.9	60	2.6	60	7.3	60	.008
19	60	66.50	60	65	60	97.8	60	2.7	60	7.4	60	.013
20	60	66.43	60	66	60	97.7	60	2.6	60	7.4	60	.012
21	60	66.30	60	65	60	98.0	60	2.5	60	7.5	60	.002
22	60	66.33	60	65	60	97.8	60	2.5	60	7.4	60	.007
23	60	66.08	60	65	60	97.8	60	2.5	60	7.4	60	.009
24	60	66.03	60	65	60	98.6	60	2.5	60	7.6	60	.009
	1434	66.53	1434	65	1439	97.8	1439	2.5	1439	7.9	1439	.016

JULY

1	62	64.54	62	64	62	98.2	62	1.5	62	7.2	62	.020
2	62	64.46	62	64	62	98.2	62	1.5	62	7.3	62	.013
3	62	64.14	62	64	62	98.5	62	1.4	62	7.2	62	.020
4	62	64.25	62	64	62	97.5	62	1.4	62	7.4	62	.016
5	62	64.19	62	64	62	98.5	62	1.5	62	7.3	62	.030
6	62	64.03	62	64	62	98.5	62	1.5	62	7.2	62	.015
7	62	64.36	62	64	62	98.3	62	1.4	62	7.1	62	.017
8	62	64.85	62	64	62	98.5	62	1.4	62	6.9	62	.013
9	61	65.18	61	64	62	97.2	62	1.3	62	6.6	62	.020
10	60	65.74	60	64	62	97.4	62	1.3	62	6.3	62	.007
11	60	66.12	59	64	61	96.3	62	1.4	62	6.3	62	.020
12	61	66.38	59	64	62	95.4	62	1.5	62	6.6	62	.009
13	61	66.27	60	64	62	95.5	62	1.6	62	6.7	62	.012
14	62	66.04	61	64	62	96.0	62	1.6	62	6.6	62	.021
15	62	65.96	62	64	62	96.6	62	1.6	62	6.4	62	.015
16	63	65.71	63	64	63	96.9	63	1.5	63	6.2	63	.011
17	63	65.38	63	64	63	97.7	63	1.6	63	6.2	63	.014
18	62	65.05	62	64	62	98.1	62	1.6	62	6.4	62	.007
19	62	64.87	62	64	62	98.0	62	1.5	62	6.3	62	.020
20	62	65.05	62	64	62	98.5	62	1.5	62	6.1	62	.003
21	62	64.98	62	64	62	98.6	62	1.4	62	6.1	62	.035
22	62	64.87	62	64	62	98.6	62	1.4	62	6.2	62	.009
23	61	64.78	61	64	61	98.4	61	1.5	61	6.3	61	.021
24	62	64.48	62	64	62	98.5	62	1.4	62	6.6	62	.015
	1482	65.07	1477	64	1488	97.7	1489	1.5	1489	6.6	1489	.016

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE

AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	62	66.20	59	66	63	99.7	63	1.6	63	5.5	63	.014
2	61	65.91	58	64	62	99.9	62	1.6	62	5.5	62	.010
3	61	65.81	58	66	62	99.8	62	1.6	62	5.6	62	.009
4	60	65.72	57	64	61	99.7	61	1.7	61	5.6	61	.025
5	62	65.61	59	65	63	99.5	63	1.6	63	5.7	63	.016
6	60	65.50	57	65	61	99.6	61	1.7	61	6.0	61	.012
7	61	65.85	58	66	62	99.7	62	1.7	62	6.0	62	.010
8	61	66.30	58	66	62	99.7	62	1.7	62	5.9	62	.012
9	61	66.86	58	66	62	99.0	62	1.6	62	5.3	62	.014
10	61	67.27	58	66	62	98.6	62	1.6	62	5.1	62	.014
11	59	67.77	56	66	61	96.7	61	1.5	61	4.8	61	.019
12	59	68.14	56	66	62	96.6	62	1.8	62	5.2	62	.016
13	60	68.39	58	66	61	95.9	61	1.9	61	5.3	61	.024
14	62	68.08	60	66	63	96.6	63	2.0	63	6.0	63	.017
15	62	67.81	60	66	63	97.1	63	2.0	63	5.6	63	.012
16	61	67.46	59	66	62	98.4	62	2.1	62	5.6	62	.027
17	61	67.16	59	66	62	99.2	62	1.9	62	5.4	62	.007
18	60	66.77	57	66	61	99.3	61	1.9	61	5.8	61	.020
19	60	66.57	57	64	61	99.2	61	1.8	61	5.6	61	.025
20	61	66.58	57	66	62	99.6	62	1.8	62	5.7	62	.032
21	61	66.59	57	66	62	99.5	62	1.8	62	6.0	62	.027
22	61	66.56	57	66	62	99.4	62	1.8	62	5.6	62	.021
23	61	66.43	57	66	62	99.5	62	1.7	62	5.6	62	.009
24	61	66.33	57	66	62	99.4	62	1.7	62	5.6	62	.004
	1459	66.73	1387	66	1486	98.8	1486	1.8	1486	5.6	1486	.016

SEPTEMBER

1	30	64.60	30	64	30	98.6	30	5.1	30	11.6	30	.015
2	30	64.46	30	64	30	99.1	30	5.5	30	11.7	30	.005
3	30	64.40	30	64	30	99.8	30	5.6	30	11.8	30	.003
4	30	64.50	30	64	30	99.9	30	5.5	30	11.5	30	.000
5	30	64.36	30	64	30	99.5	30	5.4	30	11.3	30	.011
6	30	64.40	30	63	30	97.1	30	5.4	30	11.3	30	.001
7	30	65.30	30	64	30	97.5	30	5.5	30	11.5	30	.006
8	30	66.53	30	66	30	97.0	30	5.4	30	10.9	30	.012
9	30	67.46	30	66	30	96.4	30	5.3	30	10.2	30	.030
10	30	68.26	30	67	30	95.6	30	5.1	30	10.2	30	.019
11	31	68.06	31	67	31	96.5	31	5.1	31	10.2	31	.025
12	30	68.03	30	67	30	96.5	30	5.2	30	10.7	30	.026
13	31	67.61	31	67	31	97.5	31	5.3	31	10.7	31	.043
14	30	67.60	30	67	30	96.7	30	5.2	30	10.3	30	.031
15	30	66.70	30	66	30	98.3	30	5.2	30	10.5	30	.124
16	30	66.06	30	66	30	98.5	30	5.1	30	10.5	30	.129
17	30	65.56	30	65	30	99.3	30	5.4	30	10.9	30	.154
18	30	65.23	30	65	30	98.9	30	5.4	30	11.0	30	.124
19	30	65.13	30	65	30	98.4	30	5.2	30	11.6	30	.097
20	30	65.26	30	64	30	97.6	30	5.2	30	11.7	30	.002
21	30	65.13	30	64	30	97.6	30	5.2	30	11.7	30	.005
22	30	65.23	30	64	30	97.7	30	5.1	30	11.5	30	.004
23	30	65.03	30	64	30	98.1	30	4.9	30	11.6	30	.017
24	30	64.96	30	64	30	98.3	30	5.2	30	11.2	30	.018
	722	65.87	722	65	722	97.8	722	5.3	722	11.1	722	.038

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	75	64.97	56	66	80	99.6	80	2.1	80	6.5	80	.013
2	75	64.81	56	65	80	99.4	80	2.0	80	6.2	80	.023
3	75	64.76	56	64	80	99.0	80	2.2	80	6.1	80	.010
4	75	64.70	56	65	80	99.1	80	2.1	80	6.2	80	.016
5	75	64.67	56	65	80	99.1	80	2.1	80	6.1	80	.010
6	75	64.65	56	65	80	99.1	80	2.0	80	6.2	80	.005
7	75	65.26	55	65	80	98.7	80	2.0	80	6.3	80	.003
8	75	65.83	55	66	80	98.6	80	2.0	80	6.2	80	.004
9	75	66.58	55	66	80	97.5	80	2.1	80	6.1	80	.006
10	75	67.11	55	67	81	97.1	81	2.0	81	5.7	81	.004
11	75	67.57	55	66	81	95.9	81	2.0	81	5.4	81	.004
12	74	67.84	54	66	81	95.3	81	2.2	81	5.5	81	.006
13	75	67.39	55	67	81	96.3	81	2.4	81	5.5	81	.013
14	76	67.32	56	67	81	96.8	81	2.2	81	5.5	81	.012
15	76	66.72	56	66	81	97.6	81	2.4	81	5.3	81	.015
16	77	66.15	56	66	81	98.4	81	2.5	81	5.5	81	.017
17	77	65.78	56	66	81	98.9	81	2.5	81	5.7	81	.007
18	77	65.47	56	66	81	99.4	81	2.6	81	6.0	81	.013
19	77	65.43	56	66	81	99.4	81	2.2	81	6.3	81	.011
20	77	65.36	56	66	81	99.3	81	2.3	81	6.5	81	.011
21	77	65.48	56	66	81	99.4	81	2.2	81	6.6	81	.009
22	77	65.44	56	66	81	99.5	81	2.2	81	6.6	81	.004
23	76	65.33	55	66	80	99.4	80	2.1	80	6.4	80	.005
24	76	65.24	55	66	80	99.3	80	2.1	80	6.5	80	.007
	1817	65.82	1334	66	1933	98.4	1933	2.2	1933	6.0	1933	.010

NOVEMBER

1	90	64.81	86	63	90	98.9	90	2.4	90	6.5	90	.008
2	89	64.70	85	64	89	98.8	89	2.2	89	6.1	89	.011
3	90	64.54	86	64	90	98.6	90	2.1	90	6.2	90	.021
4	90	64.55	86	63	90	98.1	90	1.9	90	6.1	90	.014
5	91	64.46	87	63	91	98.1	91	2.2	91	6.1	91	.009
6	89	64.61	85	63	89	98.1	89	2.0	89	5.7	89	.011
7	90	65.39	86	64	90	97.8	90	2.1	90	5.9	90	.017
8	91	65.90	87	65	91	97.2	91	1.9	91	5.7	91	.017
9	90	66.73	86	65	90	97.1	90	1.7	90	5.7	90	.018
10	90	67.11	86	66	90	96.0	90	1.9	90	5.4	90	.010
11	89	67.47	85	66	90	95.6	90	2.0	90	5.3	90	.014
12	90	67.41	86	66	90	96.0	90	2.1	90	5.4	90	.027
13	88	67.23	84	66	89	96.6	89	2.3	89	5.1	89	.012
14	90	66.80	86	66	90	96.8	90	2.2	90	5.4	90	.017
15	90	66.40	86	66	90	98.0	90	2.5	90	5.5	90	.019
16	88	65.64	84	65	88	98.6	88	2.6	88	5.9	88	.041
17	90	65.31	87	65	90	99.2	90	2.7	90	6.2	90	.009
18	89	65.14	86	65	89	99.1	89	2.6	89	6.4	89	.021
19	90	65.11	87	65	90	98.9	90	2.3	90	6.7	90	.015
20	90	65.10	87	65	90	98.9	90	2.3	90	6.7	90	.015
21	90	65.23	87	65	90	99.1	90	2.5	90	6.9	90	.011
22	90	65.06	87	64	90	99.0	90	2.3	90	6.9	90	.009
23	90	64.91	87	64	90	99.0	90	2.1	90	7.1	90	.023
24	90	64.80	87	64	90	98.9	90	2.3	90	7.1	90	.006
	2155	65.58	2067	65	2157	98.0	2157	2.2	2157	6.1	2157	.016

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

EL YUNQUE
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	91	62.57	59	63	93	99.4	93	3.5	93	9.3	93	.035
2	91	62.49	59	63	93	99.3	93	3.5	93	9.3	93	.023
3	91	62.27	59	62	93	99.1	93	3.3	93	9.2	93	.027
4	91	62.32	59	62	93	99.1	93	3.2	93	8.9	93	.023
5	91	62.35	59	63	93	98.9	93	3.3	93	8.6	93	.028
6	90	62.26	58	61	93	98.8	93	3.5	93	8.7	93	.029
7	91	62.55	59	62	93	98.4	93	3.4	93	8.8	93	.015
8	91	63.14	59	63	93	98.5	93	3.2	93	8.8	93	.016
9	91	63.65	59	64	93	98.4	93	3.3	93	9.0	93	.009
10	91	64.27	59	64	93	97.7	93	3.3	93	8.7	93	.022
11	91	64.67	59	64	93	97.4	93	3.3	93	8.4	93	.018
12	90	64.76	59	64	93	97.3	93	3.7	93	7.8	93	.023
13	92	64.81	60	64	94	96.7	94	3.8	94	7.5	94	.015
14	90	64.68	59	64	93	97.1	93	4.5	93	8.3	93	.014
15	90	64.41	59	64	93	97.9	93	4.4	93	8.2	93	.017
16	90	63.99	59	64	93	98.5	93	4.4	93	8.3	93	.007
17	90	63.55	59	64	93	98.3	93	4.4	93	8.3	93	.025
18	90	63.17	59	64	93	99.0	93	4.2	93	8.7	93	.021
19	90	62.88	59	63	93	99.5	93	4.4	93	9.0	93	.012
20	90	62.93	59	63	93	99.0	93	4.3	93	9.1	93	.013
21	90	62.87	59	63	93	99.1	93	4.0	93	9.3	93	.023
22	90	62.95	59	62	93	99.1	93	4.0	93	9.8	93	.015
23	90	62.85	59	63	93	98.9	93	4.1	93	9.6	93	.024
24	90	62.72	59	62	93	99.0	93	3.8	93	9.4	93	.022
	2172	63.30	1416	63	2233	98.5	2233	3.8	2233	8.8	2233	.020

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	66.29	42	67	62	99.7	62	3.4	62	0.8	62	.001
2	62	65.85	42	66	62	99.7	62	3.8	62	0.9	62	0.000
3	62	65.41	42	66	62	99.6	62	3.4	62	0.9	62	.001
4	62	65.05	42	66	62	99.7	62	3.7	62	1.0	62	.001
5	62	64.75	42	66	62	99.7	62	3.3	62	1.0	62	0.000
6	62	64.47	42	66	62	99.7	62	3.3	62	1.0	62	.003
7	62	64.59	42	65	62	99.7	62	3.2	62	1.0	62	.004
8	62	66.76	42	67	62	99.6	62	3.7	62	1.1	62	.002
9	62	72.02	42	71	62	96.8	62	4.7	62	1.2	62	.001
10	62	77.72	42	72	62	89.5	62	6.1	62	2.0	62	.001
11	63	81.38	42	71	63	81.8	63	4.0	63	3.9	63	.002
12	62	82.62	41	70	62	77.7	62	3.3	62	5.9	62	.001
13	62	83.21	42	69	62	75.1	62	3.0	62	6.8	62	.003
14	62	82.93	42	69	62	75.7	62	2.6	62	6.9	62	.012
15	62	81.76	42	71	62	77.2	62	3.3	62	6.7	62	.002
16	62	81.26	42	70	62	79.1	62	3.3	62	6.4	62	.007
17	62	79.72	42	72	62	83.0	62	2.2	62	5.8	62	.000
18	62	77.29	42	74	62	89.8	62	2.7	62	3.8	62	.001
19	62	74.46	42	74	62	96.4	62	2.7	62	2.0	62	.001
20	62	71.88	42	72	62	99.6	62	3.9	62	1.3	62	.001
21	62	70.09	42	71	62	99.6	62	3.1	62	1.0	62	.001
22	62	68.76	42	69	62	99.8	62	3.4	62	1.0	62	.000
23	62	67.74	42	68	62	99.8	62	4.1	62	1.1	62	.001
24	62	66.97	42	68	62	99.8	62	3.8	62	0.9	62	.000
	1489	72.63	1007	69	1489	92.4	1489	3.5	1489	2.7	1489	.002

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO

FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	56	65.60	56	65	57	99.9	57	6.5	57	0.9	57	.000
2	56	65.09	56	65	57	100.0	57	5.8	57	0.8	57	.001
3	56	64.58	56	64	57	100.0	57	6.8	57	1.0	57	.000
4	56	64.04	56	63	57	100.0	57	5.7	57	0.9	57	.001
5	56	63.82	56	63	57	99.8	57	6.5	57	1.0	57	.002
6	56	63.47	56	63	57	99.9	57	6.4	57	0.8	57	.001
7	56	64.20	56	64	57	100.0	57	6.7	57	0.9	57	.001
8	56	67.17	56	67	57	100.0	57	7.0	57	0.9	57	.001
9	56	73.65	56	71	57	92.9	57	7.7	57	1.1	57	.000
10	57	79.59	57	70	57	74.0	57	8.4	57	2.5	57	.005
11	57	82.73	57	68	57	63.1	57	9.4	57	5.0	57	0.000
12	57	83.78	57	67	57	59.1	57	7.9	57	6.4	57	0.000
13	57	84.12	57	67	57	58.7	57	8.0	57	6.7	57	.007
14	57	84.24	57	67	57	57.7	57	7.2	57	7.4	57	.000
15	57	83.34	57	68	57	60.7	57	7.4	57	7.5	57	.004
16	57	82.35	57	68	57	63.2	57	7.9	57	6.8	57	.013
17	57	80.35	57	67	57	68.6	57	7.2	57	6.3	57	.007
18	57	77.90	57	69	57	77.3	57	7.2	57	4.9	57	.002
19	56	74.82	56	70	57	90.1	57	7.2	57	2.8	57	.009
20	56	72.28	56	70	57	96.4	57	7.5	57	1.5	57	.006
21	56	70.16	56	70	57	98.3	57	6.7	57	1.0	57	.005
22	56	68.62	56	69	57	99.2	57	7.4	57	1.0	57	.004
23	56	67.41	56	67	57	99.8	57	5.6	57	1.0	57	.001
24	56	66.43	56	66	57	99.9	57	6.9	57	0.9	57	.000
	1353	72.97	1353	67	1368	85.8	1368	7.1	1368	2.9	1368	.003

MARCH

1	91	46.79	61	67	92	98.2	92	8.4	92	1.8	92	.000
2	90	46.79	61	67	91	99.2	91	6.6	91	1.0	91	.000
3	90	46.26	61	66	91	99.2	91	7.4	91	1.0	91	.000
4	90	46.00	61	66	91	99.3	91	7.2	91	1.0	91	.001
5	89	45.48	61	65	90	99.4	90	7.1	90	1.0	90	.000
6	90	45.42	61	65	91	99.4	91	6.5	91	0.9	91	.000
7	90	46.76	61	67	91	99.1	91	6.3	91	.9	91	.000
8	90	50.02	61	70	91	95.6	91	7.2	91	1.0	91	.000
9	90	54.53	61	71	91	78.1	91	8.1	91	1.6	91	0.000
10	91	57.51	61	70	92	65.8	92	6.9	92	3.9	92	.000
11	90	58.51	61	68	91	60.3	91	6.2	91	5.7	91	.000
12	91	59.37	60	68	92	57.9	92	6.5	92	6.4	92	.002
13	91	59.58	61	67	92	56.5	92	6.7	92	6.4	92	.011
14	92	59.97	61	67	93	55.2	93	6.3	93	6.7	93	.010
15	91	59.19	61	68	92	56.9	92	5.8	92	6.8	92	.007
16	92	58.79	61	68	93	58.6	93	6.1	93	6.4	93	.000
17	91	57.20	61	68	92	63.6	92	5.9	92	6.2	92	.021
18	91	55.48	61	70	92	72.2	92	5.9	92	5.1	92	.006
19	91	53.39	61	72	92	83.5	92	5.6	92	3.5	92	.004
20	91	52.18	61	72	92	89.9	92	6.3	92	2.1	92	.001
21	91	50.68	61	70	92	94.4	92	7.5	92	1.5	92	.001
22	91	49.86	61	71	92	96.8	92	8.0	92	1.3	92	.006
23	91	48.76	61	71	92	97.9	92	7.7	92	1.2	92	.000
24	91	48.05	61	68	92	98.6	92	6.5	92	1.1	92	.003
	2176	52.38	1463	68	2200	82.2	2200	6.8	2200	3.1	2200	.003

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO

APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	70.11	60	69	60	97.9	60	3.2	60	2.4	60	.001
2	59	69.61	59	69	59	98.1	59	3.1	59	2.4	59	.000
3	59	69.23	59	68	59	98.3	59	3.1	59	2.3	59	.006
4	59	68.82	59	68	59	98.5	59	2.8	59	2.4	59	.009
5	59	68.47	59	67	59	98.0	59	2.9	59	2.3	59	.015
6	59	68.38	59	68	59	98.5	59	2.5	59	2.3	59	.020
7	59	70.96	59	69	59	94.6	59	2.9	59	2.2	59	.016
8	59	75.50	59	71	59	86.8	59	4.1	59	2.4	59	.010
9	58	79.87	58	68	59	69.7	59	4.2	59	3.6	59	.003
10	58	82.80	57	68	58	64.5	58	3.4	58	4.7	58	.003
11	60	84.43	59	68	60	60.3	60	4.1	60	6.0	60	.000
12	59	85.10	58	67	59	60.1	59	4.4	59	6.5	59	.002
13	59	84.36	58	68	59	61.2	59	4.7	59	6.8	59	.033
14	59	84.10	58	68	59	62.4	59	4.1	59	6.4	59	.025
15	59	83.45	58	69	59	64.4	59	4.3	59	6.1	59	.006
16	60	82.71	59	69	60	66.1	60	4.6	60	6.0	60	.012
17	61	81.40	60	69	61	69.2	61	4.1	61	5.6	61	.011
18	60	79.10	60	70	60	73.7	60	4.4	60	5.2	60	.002
19	60	76.53	60	71	60	84.0	60	3.3	60	4.1	60	.005
20	60	75.12	60	71	60	89.9	60	2.6	60	3.0	60	.001
21	60	73.71	60	71	60	93.6	60	2.9	60	2.6	60	.001
22	60	72.59	60	71	60	95.7	60	3.7	60	2.5	60	.001
23	59	71.55	59	70	59	96.3	59	2.9	59	2.4	59	.003
24	59	70.69	59	70	59	97.8	59	2.7	59	2.3	59	0.000
	1424	76.19	1416	69	1425	82.5	1425	3.5	1425	3.9	1425	.008

MAY

1	59	73.3	54	72	26	94	62	2.2	62	0.4	62	.008
2	59	73.1	54	72	25	94	62	2.2	62	0.5	62	.007
3	59	72.7	54	72	24	94	62	2.3	62	0.6	62	.002
4	59	72.4	54	71	24	94	62	2.4	62	0.5	62	.007
5	59	71.8	54	71	24	94	62	2.1	62	0.4	62	.010
6	59	71.7	54	71	24	94	62	2.2	62	0.5	62	.001
7	60	75.1	55	74	30	93	62	2.2	62	0.5	62	.002
8	60	79.3	56	75	39	87	62	2.6	62	0.9	62	.001
9	60	83.3	56	76	54	76	62	2.7	62	2.8	62	.000
10	59	85.2	56	74	57	70	62	4.1	62	5.3	62	.015
11	60	86.0	58	72	58	67	62	4.7	62	7.0	62	.014
12	60	87.1	57	73	59	64	62	4.8	62	7.5	62	.008
13	60	87.3	57	73	59	64	62	4.5	62	7.8	62	.008
14	59	86.4	55	74	57	63	61	3.9	61	7.4	61	.013
15	60	85.6	56	74	56	65	62	4.3	62	6.8	62	.009
16	60	84.3	56	74	53	71	62	4.6	62	6.3	62	.045
17	59	83.4	56	75	51	75	62	4.6	62	5.7	62	0.13
18	59	82.1	56	76	49	78	62	4.1	62	4.5	62	.007
19	59	79.9	56	77	46	89	62	3.4	62	3.0	62	.002
20	59	78.5	57	75	33	87	62	3.2	62	1.6	62	.011
21	59	76.8	57	73	30	87	62	2.3	62	0.9	62	.003
22	59	75.8	55	75	27	94	62	1.7	62	0.5	62	.000
23	59	74.8	55	74	27	94	62	2.0	62	0.5	62	.000
24	59	74.1	55	73	28	94	62	1.8	62	0.4	62	.003
	1424	79.2	1333	74	960	79	1487	3.1	1487	3.0	1487	.008

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	73.60	60	72	60	95.4	60	0.4	60	0.3	60	.006
2	59	73.09	59	72	59	95.4	59	0.3	59	0.4	59	.000
3	60	72.96	60	71	60	95.3	60	0.6	60	0.6	60	.004
4	60	72.63	60	71	60	95.3	60	0.4	60	0.4	60	.001
5	60	72.25	60	71	60	95.3	60	0.4	60	0.2	60	.014
6	60	72.13	60	71	60	95.0	60	0.3	60	0.2	60	.005
7	60	75.03	60	73	60	94.3	60	0.6	60	0.3	60	.003
8	60	78.92	60	75	60	89.7	60	0.9	60	1.9	60	.001
9	60	82.54	60	74	60	78.2	60	2.8	60	3.1	60	.003
10	60	84.29	60	73	60	72.3	60	3.4	60	5.5	60	.011
11	60	85.46	60	72	60	67.0	60	4.1	60	6.3	60	.012
12	60	86.27	59	72	60	67.0	60	4.4	60	6.8	60	.007
13	60	86.41	60	72	60	65.1	60	4.4	60	7.2	60	.003
14	60	86.03	60	73	60	67.7	60	4.3	60	7.3	60	.017
15	60	85.78	60	73	60	68.2	60	4.3	60	7.1	60	.015
16	60	84.42	60	73	60	73.2	60	4.4	60	6.6	60	.016
17	60	83.51	60	74	60	75.7	60	4.4	60	5.8	60	.007
18	60	82.21	60	75	60	81.5	60	4.0	60	4.8	60	.005
19	60	80.32	60	77	60	90.8	60	2.7	60	4.3	60	.004
20	60	78.30	60	76	60	94.0	60	2.1	60	1.8	60	.011
21	60	76.74	60	74	60	94.6	60	1.1	60	0.6	60	.006
22	60	75.57	60	73	60	94.8	60	0.5	60	0.2	60	.005
23	60	74.71	60	72	60	95.0	60	0.3	60	0.1	60	.004
24	60	74.03	60	72	60	94.6	60	0.2	60	0.1	60	.000
	1439	79.05	1438	73	1439	84.8	1439	2.1	1439	3.0	1439	.007

JULY

1	62	74.10	58	73	62	97.8	62	0.8	62	0.5	62	.002
2	62	73.61	58	72	62	97.7	62	0.9	62	0.6	62	.001
3	62	72.82	58	72	62	97.7	62	1.0	62	0.6	62	.003
4	62	72.15	58	71	62	97.7	62	1.1	62	0.7	62	.002
5	62	71.72	58	71	62	97.6	62	1.2	62	0.6	62	.013
6	62	71.82	58	71	62	97.5	62	1.3	62	0.8	62	.001
7	62	74.58	57	74	62	97.2	62	1.4	62	0.8	62	.010
8	62	78.88	57	76	62	92.5	62	2.0	62	1.0	62	.000
9	62	83.55	57	76	62	82.1	62	3.3	62	2.4	62	.016
10	62	85.41	57	75	62	74.9	62	4.0	62	4.7	62	.010
11	62	86.79	58	75	62	72.4	62	4.3	62	5.6	62	.016
12	62	87.35	58	75	62	70.6	62	3.9	62	6.3	62	.023
13	62	87.30	58	75	62	70.3	62	3.9	62	6.9	62	.015
14	63	87.36	60	75	63	69.3	63	4.4	63	7.1	63	.005
15	62	87.00	59	75	62	70.7	62	4.3	62	6.9	62	.028
16	62	86.01	59	76	62	73.7	62	4.2	62	6.1	62	.016
17	62	84.59	58	77	62	79.0	62	4.5	62	6.2	62	.015
18	62	82.72	58	77	62	83.9	62	4.4	62	4.9	62	.007
19	62	80.55	58	77	62	91.4	62	4.0	62	3.3	62	.000
20	62	78.70	58	76	62	95.7	62	1.7	62	1.7	62	.000
21	62	77.10	58	76	62	97.3	62	1.1	62	0.9	62	.000
22	62	75.81	58	75	62	97.4	62	1.3	62	0.9	62	.004
23	62	74.99	58	74	62	97.7	62	.9	62	0.6	62	.003
24	61	74.19	57	73	61	97.8	61	.7	61	0.5	61	.001
	1488	79.51	1391	74	1488	87.4	1488	2.5	1488	3.0	1488	.008

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO

AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	73.07	62	72	62	99.4	62	0.0	62	0.2	62	.002
2	62	72.64	62	72	62	99.3	62	0.0	62	0.2	62	.000
3	62	72.29	62	72	62	99.1	62	0.0	62	0.1	62	.003
4	62	71.82	62	71	62	99.4	62	0.0	62	0.1	62	.004
5	62	71.39	62	71	62	99.2	62	0.1	62	0.1	62	.020
6	62	71.49	62	71	62	99.3	62	0.0	62	0.1	62	.002
7	62	74.20	61	72	62	98.2	62	0.0	62	0.0	62	.003
8	62	78.00	61	76	62	94.4	62	0.1	62	0.0	62	.003
9	62	83.42	61	76	62	79.6	62	0.4	62	0.3	62	.006
10	62	85.70	62	75	62	71.1	62	1.5	62	3.1	62	.014
11	62	86.63	62	74	62	68.2	62	1.8	62	4.3	62	.020
12	62	87.65	62	73	62	65.0	62	2.7	62	5.3	62	.020
13	63	87.53	63	73	63	65.2	63	2.4	63	5.3	63	.032
14	62	87.68	62	75	62	67.5	62	2.3	62	5.3	62	.013
15	62	86.41	62	75	62	70.0	62	2.4	62	5.1	62	.020
16	62	85.00	62	75	62	72.1	62	2.3	62	4.7	62	.029
17	62	84.66	62	76	62	76.2	62	1.7	62	4.2	62	.012
18	61	82.89	61	77	61	84.1	61	1.3	61	2.9	61	.004
19	62	80.11	62	77	62	93.2	62	0.8	62	1.2	62	.003
20	62	78.27	62	77	62	97.2	62	0.1	62	0.4	62	.002
21	62	76.56	62	76	62	98.5	62	0.1	62	0.1	62	.021
22	62	75.48	62	75	62	98.9	62	0.0	62	0.0	62	.009
23	62	74.57	62	74	62	99.0	62	0.0	62	0.1	62	.005
24	63	73.80	63	73	63	99.2	63	0.0	63	0.0	63	.011
	1489	79.26	1486	74	1489	87.2	1489	0.8	1489	1.8	1489	.011

SEPTEMBER

1	30	72.50	27	72	30	100.0	30	3.4	30	0.7	30	0.000
2	29	72.00	26	71	30	100.0	30	3.2	30	0.6	30	0.000
3	29	71.62	25	71	30	99.7	30	3.5	30	0.5	30	.000
4	29	71.31	25	71	30	100.0	30	3.1	30	0.5	30	0.000
5	28	70.92	25	71	30	99.7	30	2.0	30	0.5	30	0.000
6	28	70.92	25	71	30	100.0	30	2.2	30	0.4	30	.000
7	28	72.67	25	73	30	100.0	30	2.3	30	0.4	30	.000
8	27	76.07	25	76	30	98.2	30	2.9	30	0.5	30	.002
9	26	80.42	25	68	30	86.4	30	2.8	30	0.7	30	.002
10	30	83.00	29	74	30	76.2	30	4.2	30	1.4	30	.013
11	30	84.10	29	73	30	71.6	30	3.7	30	2.1	30	.025
12	30	83.76	29	73	30	73.0	30	4.3	30	2.4	30	.026
13	30	84.56	29	74	30	74.2	30	3.5	30	2.9	30	.032
14	30	83.83	29	74	30	74.6	30	2.7	30	2.8	30	.078
15	30	83.50	29	73	30	75.2	30	3.0	30	2.8	30	.044
16	30	82.83	29	74	30	77.6	30	3.1	30	2.4	30	.007
17	30	81.00	28	75	30	85.0	30	2.9	30	2.2	30	.024
18	30	78.70	29	76	30	94.0	30	3.5	30	1.8	30	.039
19	30	76.83	29	75	30	98.9	30	1.9	30	0.7	30	.022
20	30	75.56	29	75	30	99.0	30	1.4	30	0.5	30	.005
21	30	74.60	29	74	30	99.1	30	1.7	30	0.4	30	.000
22	30	73.76	28	74	30	100.0	30	2.5	30	0.6	30	.002
23	30	73.00	28	73	30	100.0	30	2.8	30	0.8	30	.002
24	30	72.43	28	72	30	100.0	30	3.4	30	0.7	30	0.000
	704	77.13	659	73	720	90.9	720	2.9	720	1.2	720	.013

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABÓ

OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	77	71.17	59	69	80	98.7	80	2.2	80	0.3	80	.007
2	77	70.85	59	70	80	98.7	80	2.0	80	0.3	80	.006
3	77	70.49	59	70	80	98.8	80	2.1	80	0.2	80	.001
4	77	70.28	59	70	80	98.7	80	1.9	80	0.3	80	.002
5	77	70.09	59	70	80	98.7	80	1.9	80	0.2	80	.007
6	77	69.92	59	70	80	98.7	80	2.3	80	0.2	80	.002
7	76	72.09	59	71	80	97.8	80	1.8	80	0.2	80	.001
8	76	76.29	59	73	80	93.3	80	4.6	80	0.5	80	.001
9	78	81.24	59	74	81	82.5	81	7.1	81	1.1	81	.003
10	79	83.97	59	75	81	76.1	81	7.9	81	2.2	81	.001
11	78	85.75	58	73	81	72.4	81	7.3	81	3.6	81	.004
12	78	85.89	58	74	81	72.0	81	7.4	81	4.6	81	.007
13	78	85.82	58	74	81	71.9	81	6.5	81	4.8	81	.017
14	78	85.50	58	74	80	72.6	80	6.8	80	4.7	80	.007
15	80	84.20	59	74	81	75.4	81	7.4	81	4.3	81	.023
16	80	82.89	61	74	81	77.9	81	7.4	81	3.9	81	.010
17	80	80.79	61	76	81	85.6	81	7.7	81	3.3	81	.011
18	80	78.19	61	76	81	94.2	81	5.9	81	2.1	81	.005
19	81	75.99	62	76	81	98.2	81	3.8	81	0.7	81	.004
20	79	74.56	62	74	81	98.4	81	2.3	81	0.3	81	.004
21	79	73.41	62	73	81	98.8	81	2.2	81	0.3	81	.014
22	79	72.68	62	73	81	98.7	81	1.0	81	0.1	81	.017
23	80	72.17	62	72	81	98.5	81	2.0	81	0.2	81	.003
24	80	71.72	62	71	81	98.5	81	1.2	81	0.2	81	.007
	1881	76.95	1436	73	1935	89.8	1935	4.3	1935	1.6	1935	.007

NOVEMBER

1	89	68.58	59	68	89	99.4	89	0.3	89	0.2	89	.004
2	90	68.28	60	68	90	99.3	90	0.6	90	0.2	90	.001
3	91	68.17	60	67	91	99.1	91	1.1	91	0.2	91	.005
4	90	67.52	60	67	90	99.2	90	0.5	90	0.2	90	.009
5	90	67.17	60	67	90	99.4	90	0.2	90	0.2	90	.002
6	90	66.98	60	67	90	99.5	90	0.5	90	0.2	90	.006
7	90	68.99	60	69	90	99.4	90	0.5	90	0.3	90	.003
8	90	72.57	60	72	90	96.6	90	0.5	90	0.4	90	.000
9	90	78.61	59	74	90	83.3	90	1.1	90	0.6	90	.007
10	90	82.29	60	74	90	72.8	90	6.5	90	1.6	90	.014
11	90	84.05	60	73	90	68.3	90	10.9	90	3.1	90	.007
12	90	83.96	60	72	90	67.9	90	12.6	90	3.9	90	.016
13	90	83.99	60	73	90	69.3	90	12.5	90	4.2	90	.015
14	90	83.55	60	73	90	70.3	90	12.6	90	4.3	90	.009
15	90	82.24	60	73	90	73.2	90	12.1	90	4.1	90	.014
16	90	80.60	60	74	90	78.0	90	13.4	90	3.7	90	.017
17	90	78.22	60	74	90	85.9	90	12.3	90	3.1	90	.016
18	90	75.69	60	74	90	94.0	90	6.2	90	1.3	90	.012
19	90	73.45	60	73	90	97.5	90	2.5	90	0.6	90	.003
20	90	72.23	60	72	90	98.8	90	0.6	90	0.2	90	.000
21	90	71.12	60	71	90	99.0	90	0.3	90	0.2	90	.003
22	91	70.33	61	70	91	98.9	91	0.2	91	0.2	91	.003
23	90	69.47	60	70	90	99.3	90	0.5	90	0.3	90	.007
24	90	68.95	60	70	90	99.4	90	0.2	90	0.2	90	.002
	2161	74.46	1439	71	2161	89.5	2161	4.5	2161	1.4	2161	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

GURABO
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	93	65.36	62	67	93	99.0	93	2.1	93	0.4	93	.007
2	93	66.12	62	66	93	98.9	93	1.7	93	0.4	93	.012
3	93	65.80	62	66	93	98.6	93	1.8	93	0.4	93	.009
4	93	65.66	62	66	93	98.6	93	1.7	93	0.4	93	.004
5	93	65.29	62	65	93	98.5	93	1.8	93	0.4	93	.005
6	93	65.11	62	65	93	98.4	93	2.0	93	0.5	93	.004
7	93	65.70	62	65	93	98.1	93	2.1	93	0.4	93	.004
8	93	68.51	62	68	93	96.1	93	1.6	93	0.4	93	.003
9	93	73.92	62	70	93	85.9	93	2.9	93	0.7	93	.000
10	92	78.82	62	70	93	73.8	93	5.8	93	1.7	93	.002
11	92	80.99	62	69	93	67.2	93	10.9	93	3.7	93	.003
12	92	82.14	62	69	93	65.2	93	12.7	93	5.0	93	.000
13	92	81.64	62	70	93	66.8	93	13.8	93	5.6	93	.014
14	92	81.53	62	70	93	67.1	93	12.4	93	5.6	93	.009
15	92	80.89	62	69	93	68.9	93	12.3	93	5.3	93	.006
16	92	79.59	62	69	93	72.0	93	12.0	93	4.7	93	.011
17	92	77.41	62	70	93	79.4	93	11.4	93	3.7	93	.005
18	92	74.64	62	71	93	88.2	93	7.9	93	2.0	93	.004
19	92	72.14	62	71	93	95.4	93	3.4	93	0.8	93	.008
20	92	70.41	62	69	93	96.9	93	2.1	93	0.5	93	.003
21	92	69.20	62	68	93	97.8	93	2.1	93	0.5	93	.012
22	92	68.31	62	68	93	98.1	93	1.6	93	0.5	93	.007
23	92	67.49	62	67	93	98.4	93	1.7	93	0.4	93	.005
24	92	66.87	62	66	93	98.4	93	1.6	93	0.4	93	.005
	2217	72.25	1488	68	2232	87.7	2232	5.4	2232	1.9	2232	.006

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	70.41	61	69	62	93.3	62	7.5	62	1.9	62	.008
2	62	70.40	61	69	62	93.3	62	7.3	62	1.6	62	.010
3	62	70.06	61	69	62	93.1	62	7.2	62	1.6	62	.010
4	62	70.03	61	69	62	93.1	62	7.8	62	1.6	62	.007
5	62	69.77	61	67	62	93.2	62	7.4	62	1.7	62	.006
6	62	69.77	61	67	62	93.3	62	7.2	62	1.6	62	.005
7	62	70.32	61	68	62	93.1	62	6.9	62	1.8	62	.004
8	62	72.14	61	69	62	90.0	62	7.6	62	2.0	62	.005
9	62	74.74	61	70	62	84.6	62	7.1	62	2.0	62	.007
10	62	76.37	61	69	62	80.4	62	6.3	62	2.0	62	.002
11	62	77.50	62	69	62	76.7	62	6.2	62	2.5	62	.003
12	62	78.36	62	69	62	75.0	62	6.4	62	2.6	62	.005
13	62	78.96	62	69	62	73.8	62	6.5	62	2.8	62	.004
14	62	79.01	62	70	62	75.5	62	6.3	62	2.8	62	.001
15	62	78.25	62	70	62	76.5	62	6.5	62	2.7	62	.005
16	62	77.20	62	70	62	79.5	62	6.2	62	2.6	62	.004
17	62	75.11	62	70	62	84.6	62	7.5	62	2.2	62	.003
18	62	72.85	61	69	62	89.7	62	8.1	62	1.9	62	.003
19	62	71.39	61	69	62	91.7	62	8.6	62	2.0	62	.001
20	62	71.31	61	68	62	91.5	62	8.9	62	2.0	62	.002
21	62	71.14	61	68	62	91.8	62	9.0	62	2.1	62	.005
22	62	71.08	61	68	62	92.5	62	8.6	62	1.8	62	.002
23	62	70.87	61	68	62	93.0	62	7.7	62	1.7	62	.002
24	62	70.70	60	67	62	93.3	62	7.5	62	1.6	62	.009
	1488	73.24	1470	69	1488	87.2	1488	7.4	1488	2.0	1488	.005

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA

FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	60	70.45	60	67	60	90.8	60	3.6	60	1.6	60	0.000
2	57	70.26	57	67	57	91.8	57	3.1	57	1.3	57	.003
3	57	69.87	57	67	57	92.2	57	3.1	57	1.2	57	.007
4	57	69.82	57	67	57	92.1	57	3.0	57	1.1	57	.004
5	57	69.56	57	67	57	92.8	57	3.3	57	1.2	57	.006
6	57	69.45	57	67	57	93.1	57	3.4	57	1.3	57	.005
7	57	70.28	57	68	57	92.5	57	3.2	57	1.3	57	.000
8	56	72.68	56	69	56	89.4	56	3.2	56	1.3	56	.001
9	57	75.78	57	69	57	81.8	57	3.1	57	1.3	57	.005
10	56	77.18	56	69	56	76.9	56	2.7	56	1.5	56	.004
11	57	79.25	57	69	57	72.3	57	2.4	57	1.6	57	.003
12	57	79.86	57	69	57	70.1	57	2.5	57	1.9	57	.004
13	57	80.46	57	69	57	68.8	57	2.4	57	1.7	57	.011
14	57	80.41	57	68	57	68.9	57	2.7	57	2.0	57	.016
15	57	79.84	57	68	57	70.2	57	2.6	57	1.8	57	.005
16	57	79.08	57	68	57	71.1	57	2.8	57	1.7	57	.009
17	57	77.09	57	68	57	75.4	57	2.9	57	1.6	57	.001
18	57	74.29	57	68	57	81.7	57	3.4	57	1.4	57	.002
19	57	72.12	57	68	57	87.8	57	3.7	57	1.4	57	.008
20	57	71.43	57	68	57	90.1	57	3.7	57	1.3	57	.000
21	57	71.18	57	67	57	90.6	57	3.6	57	1.4	57	.001
22	57	70.94	57	67	57	90.6	57	3.7	57	1.5	57	.001
23	57	70.83	57	67	57	90.8	57	3.6	57	1.5	57	.007
24	57	70.54	57	67	57	91.0	57	3.6	57	1.6	57	.001
	1369	73.85	1369	68	1369	83.9	1369	3.1	1369	1.5	1369	.004

MARCH

1	91	70.92	62	69	92	91.2	92	3.1	92	1.0	92	.002
2	91	70.80	62	69	92	92.3	92	3.1	92	1.0	92	.008
3	91	70.53	62	69	92	92.2	92	3.1	92	1.0	92	.003
4	91	70.49	62	69	92	92.3	92	3.1	92	1.0	92	.003
5	91	70.23	62	69	92	92.1	92	3.1	92	1.0	92	.008
6	91	70.25	62	69	92	91.7	92	3.1	92	1.1	92	.002
7	91	71.34	62	70	92	90.8	92	3.1	92	1.1	92	.010
8	91	73.87	62	70	92	86.0	92	3.0	92	1.1	92	.008
9	91	76.57	62	70	92	77.9	92	2.7	92	1.3	92	.005
10	93	78.77	62	70	93	72.6	93	2.5	93	1.4	93	.007
11	93	80.08	62	70	93	68.9	93	2.5	93	1.7	93	.003
12	93	81.19	62	71	93	67.2	93	3.0	93	1.9	93	.003
13	92	81.33	62	70	93	65.6	93	2.8	93	1.8	93	.002
14	92	81.54	62	71	93	66.6	93	2.9	93	1.8	93	.000
15	92	80.89	62	71	93	66.7	93	2.8	93	1.8	93	.003
16	92	79.93	62	70	93	68.7	93	2.8	93	1.6	93	.004
17	92	77.91	62	70	93	73.7	93	2.6	93	1.5	93	.004
18	92	75.51	62	70	93	80.3	93	2.7	93	1.3	93	.004
19	93	73.04	63	69	94	87.3	94	3.2	94	1.1	94	.004
20	92	72.34	62	70	93	89.7	93	3.2	93	1.0	93	.003
21	92	71.82	62	69	93	90.4	93	2.8	93	1.1	93	.007
22	92	71.62	62	70	93	91.4	93	3.0	93	1.1	93	.006
23	92	71.45	62	69	93	91.2	93	3.3	93	1.2	93	.004
24	92	71.24	62	70	93	91.9	93	3.1	93	1.1	93	.017
	2203	74.76	1489	70	2224	82.4	2224	2.9	2224	1.3	2224	.005

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA

APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	71.99	59	69	60	92.5	60	4.2	60	2.3	60	.038
2	59	71.93	59	69	60	93.1	60	4.1	60	2.3	60	.011
3	59	71.64	59	69	60	93.5	60	4.3	60	2.4	60	.026
4	59	71.44	59	69	60	93.7	60	4.6	60	2.4	60	.008
5	59	71.26	59	68	60	94.6	60	4.6	60	2.5	60	.004
6	59	71.13	59	68	60	94.4	60	4.5	60	2.5	60	.005
7	59	73.74	59	70	60	90.0	60	4.2	60	2.8	60	.021
8	59	76.44	59	71	60	84.5	60	4.3	60	3.3	60	.012
9	59	78.80	59	71	60	78.2	60	4.2	60	3.7	60	.016
10	58	80.91	58	71	60	73.4	60	4.7	60	4.2	60	.018
11	58	81.91	58	71	60	71.5	60	4.3	60	4.1	60	.030
12	57	82.50	57	72	60	71.7	60	4.3	60	4.3	60	.021
13	59	81.72	58	71	60	72.9	60	4.6	60	4.7	60	.010
14	59	81.95	59	72	60	72.7	60	4.5	60	4.6	60	.019
15	59	80.82	59	72	60	75.8	60	5.1	60	4.6	60	.018
16	59	79.93	59	72	60	76.6	60	5.2	60	4.3	60	.009
17	59	78.46	59	71	60	80.0	60	4.8	60	3.8	60	.005
18	59	75.89	59	71	59	86.5	59	4.2	59	3.4	59	.010
19	61	73.94	61	70	61	90.2	61	4.5	61	2.9	61	.008
20	60	73.03	60	70	60	91.0	60	4.5	60	2.8	60	.006
21	60	72.90	60	70	60	91.8	60	4.6	60	2.6	60	.020
22	60	72.65	60	70	60	91.6	60	4.8	60	2.6	60	.005
23	59	72.69	59	69	59	91.0	59	4.4	59	2.4	59	.011
24	60	72.34	60	69	60	91.7	60	4.2	60	2.5	60	.010
	1418	75.81	1417	70	1439	85.1	1439	4.5	1439	3.2	1439	.014

MAY

1	61	73.37	44	71	62	92.4	62	3.0	62	1.7	62	.022
2	62	73.17	45	70	63	92.3	63	3.3	63	1.8	63	.014
3	61	72.87	44	70	62	92.4	62	3.1	62	1.7	62	.040
4	61	72.83	44	70	62	92.6	62	3.0	62	1.7	62	.015
5	61	72.73	43	67	62	92.8	62	3.0	62	1.8	62	.019
6	60	72.96	43	70	62	92.4	62	3.4	62	2.0	62	.004
7	60	75.58	43	70	62	88.6	62	3.2	62	2.1	62	.011
8	60	77.90	45	71	61	84.7	61	3.0	61	2.3	61	.009
9	61	79.74	46	71	62	82.6	62	3.0	62	2.4	62	.012
10	60	81.09	44	72	61	81.1	61	3.2	61	2.7	61	.018
11	60	81.72	42	71	62	80.9	62	3.2	62	3.2	62	.028
12	60	82.15	42	72	62	80.9	62	3.7	62	3.4	62	.023
13	61	81.28	44	72	61	82.0	61	4.0	61	3.2	61	.036
14	62	80.99	46	72	62	82.4	62	4.6	62	3.6	62	.034
15	61	79.90	45	72	61	84.9	61	4.0	61	3.4	61	.028
16	61	79.03	45	72	62	85.5	62	4.6	62	3.2	62	.028
17	62	77.94	45	71	62	86.1	62	4.5	62	2.8	62	.038
18	62	76.62	47	71	62	88.8	62	4.3	62	2.6	62	.029
19	62	74.82	45	71	62	91.3	62	4.2	62	2.2	62	.005
20	62	74.26	45	71	62	92.2	62	3.9	62	2.0	62	.028
21	62	73.91	46	71	62	91.6	62	3.7	62	2.0	62	.015
22	62	73.99	46	71	62	91.6	62	3.7	62	2.0	62	.011
23	62	73.74	46	71	62	91.5	62	3.8	62	1.9	62	.007
24	62	73.66	45	71	62	92.1	62	3.7	62	1.8	62	.001
	1468	76.49	1070	71	1485	88.1	1485	3.6	1485	2.4	1485	.020

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	58	74.88	54	72	60	96.4	60	4.0	60	1.3	60	.026
2	58	74.72	54	73	60	96.7	60	4.1	60	1.5	60	.012
3	59	74.51	55	73	61	96.2	61	4.5	61	1.7	61	.013
4	57	74.28	54	71	60	96.3	60	4.6	60	1.5	60	.013
5	56	74.36	53	73	60	96.3	60	4.7	60	1.6	60	.013
6	56	74.59	53	74	60	96.4	60	4.7	60	1.5	60	.009
7	56	76.65	54	74	60	93.1	60	3.9	60	1.6	60	.005
8	55	77.51	54	73	59	87.6	59	5.5	59	1.8	59	.006
9	55	80.03	55	73	59	83.1	59	4.3	59	2.2	59	.025
10	55	81.06	55	73	59	80.6	59	4.2	59	2.5	59	.015
11	57	81.81	56	73	61	79.0	61	4.3	61	2.6	61	.010
12	55	82.25	55	73	60	76.9	60	4.4	60	3.0	60	.014
13	59	82.41	57	73	61	76.6	61	4.6	61	3.2	61	.006
14	59	82.25	58	73	61	75.8	61	4.8	61	3.5	61	.022
15	58	81.73	57	74	59	78.5	59	4.9	59	3.3	59	.025
16	59	80.74	58	73	60	81.0	60	5.0	60	3.2	60	.010
17	59	79.68	58	74	60	84.5	60	4.7	60	2.5	60	.006
18	57	78.35	56	74	59	89.6	59	4.6	59	2.3	59	.006
19	57	76.77	55	74	59	92.7	59	3.9	59	1.6	59	.010
20	58	76.05	55	73	60	94.3	60	4.4	60	1.6	60	.007
21	58	75.66	54	73	60	94.4	60	4.4	60	1.5	60	.004
22	58	75.45	54	73	60	95.2	60	4.2	60	1.5	60	.002
23	58	75.40	55	74	60	95.6	60	4.3	60	1.4	60	.005
24	58	75.12	55	73	60	96.0	60	4.6	60	1.6	60	.027
	1375	77.76	1324	73	1438	88.9	1438	4.5	1438	2.1	1438	.012

JULY

1	60	73.07	60	72	62	98.0	62	4.6	62	3.2	62	.002
2	60	72.93	60	70	62	97.9	62	4.3	62	3.0	62	.010
3	60	72.74	60	72	62	98.1	62	4.5	62	3.0	62	.010
4	60	72.66	60	72	62	98.2	62	4.3	62	3.0	62	.011
5	60	72.60	60	71	62	98.0	62	4.1	62	3.1	62	.006
6	59	72.59	59	71	62	98.0	62	4.6	62	3.3	62	.025
7	60	74.84	60	73	62	95.9	62	4.1	62	3.3	62	.018
8	60	76.80	60	73	62	91.1	62	3.9	62	3.6	62	.008
9	60	78.37	60	73	62	85.7	62	3.6	62	4.0	62	.010
10	59	79.57	59	73	62	81.6	62	3.6	62	4.7	62	.007
11	59	80.46	59	72	62	78.7	62	3.3	62	4.7	62	.020
12	59	80.83	59	72	62	77.5	62	3.8	62	4.9	62	.015
13	59	80.69	59	71	62	76.6	62	3.5	62	4.9	62	.006
14	60	80.45	60	72	62	78.6	62	3.7	62	4.8	62	.010
15	60	79.65	60	72	62	80.8	62	3.6	62	4.7	62	.012
16	60	79.22	60	73	62	83.3	62	3.9	62	4.3	62	.003
17	60	77.71	60	73	62	87.5	62	3.4	62	3.9	62	.046
18	60	76.23	60	73	62	92.8	62	3.7	62	3.5	62	.011
19	60	74.59	60	73	62	96.3	62	3.9	62	3.2	62	.023
20	60	74.05	60	73	62	97.3	62	4.1	62	2.7	62	.025
21	60	73.73	60	73	62	97.6	62	3.7	62	3.0	62	.017
22	60	73.72	60	72	62	97.5	62	4.2	62	3.0	62	.019
23	60	73.51	60	72	62	97.3	62	4.1	62	2.9	62	.020
24	60	73.53	60	72	62	97.8	62	4.2	62	3.1	62	.006
	1435	76.01	1435	72	1488	90.9	1488	3.9	1488	3.7	1488	.014

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	74.61	62	73	62	97.3	62	5.9	62	2.3	62	.007
2	62	74.53	62	73	62	97.5	62	6.0	62	2.2	62	.006
3	63	74.13	63	73	63	97.0	63	5.5	63	2.5	63	.012
4	62	74.02	62	73	62	97.4	62	5.3	62	2.2	62	.025
5	62	73.73	62	72	62	97.6	62	5.2	62	2.4	62	.025
6	62	73.79	62	72	62	97.3	62	5.9	62	2.4	62	.014
7	62	76.10	62	73	62	94.6	62	5.6	62	2.5	62	.020
8	61	78.16	61	75	61	91.0	61	5.3	61	2.7	61	.010
9	62	80.07	62	75	62	86.0	62	4.5	62	3.1	62	.005
10	62	81.12	62	75	62	82.2	62	4.3	62	3.5	62	.005
11	62	81.85	62	75	62	80.5	62	4.0	62	3.7	62	.009
12	62	82.69	62	74	62	78.1	62	3.9	62	3.6	62	.017
13	62	82.37	62	74	62	77.6	62	4.0	62	3.6	62	.020
14	62	82.30	62	75	62	79.0	62	4.5	62	3.5	62	.003
15	62	81.50	62	75	62	81.8	62	4.8	62	3.6	62	.009
16	62	80.67	62	75	62	85.1	62	4.8	62	3.4	62	.005
17	62	79.43	62	75	62	89.2	62	4.7	62	3.2	62	.004
18	62	77.74	62	75	62	94.6	62	5.1	62	2.8	62	.015
19	62	76.17	62	75	62	97.0	62	5.4	62	2.5	62	.016
20	62	75.46	62	74	62	96.7	62	5.7	62	2.4	62	.009
21	62	75.20	62	74	62	96.9	62	5.5	62	2.5	62	.030
22	62	75.23	62	74	62	97.0	62	5.5	62	2.6	62	.015
23	62	74.99	62	74	62	97.1	62	5.4	62	2.4	62	.005
24	62	75.09	62	74	62	97.1	62	5.6	62	2.5	62	.000
	1488	77.54	1488	74	1488	91.1	1488	5.1	1488	2.8	1488	.012

SEPTEMBER

1	29	68.58	29	67	29	95.2	29	7.2	29	2.1	29	.038
2	29	68.44	29	67	29	94.8	29	6.7	29	2.1	29	.012
3	30	68.13	30	66	30	94.3	30	7.2	30	2.4	30	.010
4	30	68.20	30	67	30	95.6	30	7.2	30	2.2	30	.002
5	30	68.20	30	67	30	95.6	30	6.8	30	2.4	30	.009
6	30	68.23	30	67	30	95.8	30	7.7	30	2.2	30	.002
7	30	67.86	30	66	30	94.3	30	7.0	30	2.3	30	.002
8	30	68.66	30	66	30	92.3	30	6.9	30	2.4	30	.009
9	30	68.96	30	69	30	91.3	30	6.6	30	2.7	30	.025
10	30	69.03	30	65	30	89.8	30	6.6	30	3.1	30	.020
11	30	69.83	30	66	30	88.8	30	6.4	30	3.3	30	.011
12	30	69.63	30	65	30	87.8	30	5.8	30	3.3	30	.016
13	30	72.56	30	68	30	85.5	30	6.6	30	3.4	30	.010
14	30	72.43	30	67	30	85.3	30	7.3	30	3.2	30	.013
15	30	71.96	30	67	30	86.4	30	5.9	30	3.2	30	.043
16	30	71.03	30	67	30	89.5	30	6.6	30	2.9	30	.021
17	30	70.80	30	68	30	90.9	30	7.3	30	2.6	30	.019
18	30	70.73	30	68	30	93.2	30	6.5	30	2.5	30	.017
19	30	70.70	30	69	30	94.4	30	6.6	30	2.3	30	.005
20	30	70.73	30	69	30	94.9	30	6.9	30	2.4	30	.002
21	30	70.90	30	69	30	94.5	30	7.0	30	2.6	30	.017
22	30	71.00	30	69	30	94.2	30	7.3	30	2.5	30	.015
23	30	71.20	30	69	30	94.6	30	7.5	30	2.5	30	.009
24	30	71.63	30	69	30	94.7	30	7.1	30	2.3	30	.014
	718	69.98	718	67	718	92.2	718	6.8	718	2.6	718	.014

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	77	74.14	59	71	80	97.3	80	2.9	80	1.5	80	.008
2	77	74.07	59	73	80	97.4	80	2.5	80	1.5	80	.018
3	77	73.52	59	72	80	97.3	80	2.6	80	1.3	80	.029
4	77	73.53	59	72	80	97.5	80	2.7	80	1.4	80	.005
5	77	73.35	59	71	80	97.6	80	2.3	80	1.2	80	.007
6	77	73.33	59	72	80	97.6	80	2.6	80	1.3	80	.009
7	77	75.01	59	73	80	95.9	80	2.9	80	1.4	80	.009
8	77	77.42	59	74	80	92.4	80	2.5	80	1.6	80	.004
9	77	79.27	59	74	80	86.7	80	2.2	80	1.7	80	.005
10	77	80.52	58	75	80	84.4	80	2.1	80	1.7	80	.017
11	77	81.54	58	76	81	79.5	81	2.2	81	2.1	81	.001
12	78	81.79	58	71	81	79.1	81	2.3	81	2.6	81	.003
13	79	81.83	59	74	81	79.7	81	2.5	81	2.8	81	.006
14	80	81.52	60	75	81	80.7	81	2.3	81	2.6	81	.004
15	79	80.42	60	74	81	84.3	81	2.5	81	2.3	81	.004
16	79	79.12	60	74	81	86.7	81	2.7	81	2.1	81	.030
17	79	77.27	60	74	81	92.1	81	2.8	81	1.8	81	.000
18	79	75.61	60	73	81	96.0	81	2.7	81	1.5	81	.010
19	79	74.74	60	73	81	97.0	81	2.6	81	1.2	81	.030
20	78	74.51	59	73	80	97.1	80	2.7	80	1.2	80	.014
21	78	74.41	59	73	80	97.2	80	2.8	80	1.3	80	.006
22	78	74.46	59	73	80	97.1	80	3.0	80	1.5	80	.009
23	78	74.40	59	73	80	97.0	80	2.9	80	1.5	80	.003
24	78	74.32	59	73	80	97.1	80	3.0	80	1.3	80	.008
	1869	76.68	1419	73	1929	91.8	1929	2.6	1929	1.7	1929	.010
						NOVEMBER						
1	91	71.59	59	72	91	96.7	91	2.6	91	1.2	91	.009
2	89	72.76	59	72	89	97.8	89	1.9	89	1.2	89	.008
3	89	72.53	59	72	89	98.1	89	1.9	89	1.1	89	.016
4	90	72.41	60	72	90	97.7	90	1.8	90	1.1	90	.007
5	90	72.45	60	72	90	97.6	90	1.9	90	1.0	90	.011
6	90	72.37	60	72	90	97.6	90	1.9	90	1.1	90	.006
7	90	73.81	60	73	90	95.8	90	1.7	90	1.1	90	.012
8	89	75.89	60	74	89	92.7	89	2.3	89	1.4	89	.011
9	90	78.03	60	74	90	86.5	90	2.2	90	1.4	90	.017
10	89	79.10	60	73	89	83.1	89	2.7	89	1.7	89	.007
11	89	80.00	60	74	89	81.5	89	3.1	89	2.0	89	.010
12	90	80.46	60	74	90	79.9	90	4.8	90	2.3	90	.014
13	90	80.34	60	73	90	81.1	90	4.1	90	2.2	90	.011
14	90	79.79	60	74	90	83.0	90	3.7	90	2.2	90	.017
15	90	78.65	60	74	90	86.0	90	3.4	90	2.1	90	.016
16	90	77.32	60	75	90	90.1	90	3.2	90	1.8	90	.008
17	90	75.38	60	74	90	94.6	90	2.4	90	1.5	90	.016
18	90	74.19	60	73	90	96.8	90	2.4	90	1.2	90	.026
19	90	73.62	60	73	90	96.8	90	2.1	90	1.1	90	.016
20	90	73.47	60	72	90	97.2	90	2.1	90	1.1	90	.007
21	90	73.33	60	72	90	97.1	90	1.9	90	1.2	90	.008
22	90	73.27	60	72	90	97.3	90	1.7	90	1.2	90	.005
23	90	73.26	60	73	90	97.3	90	1.9	90	1.2	90	.004
24	90	73.07	60	72	90	97.5	90	2.0	90	1.2	90	.004
	2156	75.29	1437	73	2156	92.5	2156	2.5	2156	1.4	2156	.011

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CATALINA
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	92	71.19	61	68	92	92.0	92	2.0	92	1.3	92	.024
2	92	70.95	61	68	92	91.7	92	2.3	92	1.3	92	.007
3	92	70.84	61	68	92	91.8	92	2.0	92	1.2	92	.012
4	92	70.72	61	68	92	91.9	92	2.1	92	1.0	92	.014
5	92	70.59	61	67	92	91.7	92	2.0	92	1.0	92	.007
6	92	70.57	61	67	92	91.6	92	2.1	92	1.1	92	.008
7	92	71.19	61	67	92	91.0	92	1.9	92	1.0	92	.038
8	92	73.19	61	68	92	87.7	92	2.0	92	1.0	92	.007
9	92	75.74	61	70	92	82.6	92	2.6	92	1.3	92	.005
10	92	76.79	61	69	92	80.6	92	2.6	92	1.4	92	.010
11	91	77.93	61	70	91	78.2	91	3.8	91	1.8	91	.007
12	91	78.17	61	71	91	78.2	91	4.6	91	2.1	91	.005
13	91	78.56	61	70	91	76.6	91	4.9	91	2.5	91	.008
14	91	78.15	61	70	91	78.0	91	4.9	91	2.2	91	.014
15	90	77.34	61	70	90	79.7	90	4.4	90	2.1	90	.010
16	92	75.96	61	70	92	82.2	92	3.3	92	1.9	92	.008
17	91	73.83	61	69	91	87.6	91	2.1	91	1.6	91	.013
18	91	72.41	61	69	91	90.5	91	1.5	91	1.4	91	.013
19	90	71.97	60	68	90	91.5	90	1.9	90	1.2	90	.014
20	91	71.76	61	68	91	91.5	91	2.1	91	1.3	91	.013
21	91	71.62	61	68	91	91.4	91	2.3	91	1.3	91	.005
22	91	71.68	61	68	91	91.6	91	2.3	91	1.3	91	.014
23	91	71.57	61	68	91	91.9	91	2.1	91	1.2	91	.021
24	91	71.36	61	68	91	92.0	91	2.3	91	1.2	91	.011
	2193	73.50	1463	69	2193	87.2	2193	2.7	2193	1.4	2193	.012

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	70.55	59	70	62	98.8	62	5.4	62	1.4	62	.003
2	59	70.29	59	69	62	99.2	62	6.9	62	1.2	62	.008
3	59	70.04	59	69	62	99.1	62	6.2	62	1.3	62	.002
4	58	69.66	58	69	62	99.5	62	6.1	62	0.9	62	.002
5	58	69.67	58	69	62	99.3	62	6.8	62	1.3	62	.003
6	58	69.59	58	69	62	98.7	62	6.7	62	1.2	62	.006
7	58	69.78	58	69	62	98.5	62	6.2	62	1.2	62	.002
8	58	72.46	58	71	62	96.3	62	5.8	62	1.3	62	.001
9	58	76.97	58	72	62	87.8	62	5.7	62	2.1	62	.002
10	58	79.29	58	71	62	78.8	62	4.7	62	4.1	62	0.000
11	58	80.02	58	71	62	76.7	62	3.5	62	5.0	62	.005
12	58	80.36	58	70	62	74.5	62	3.5	62	5.6	62	.005
13	60	80.93	60	71	62	74.2	62	3.4	62	6.0	62	.005
14	61	80.69	61	71	62	74.7	62	3.6	62	5.8	62	.004
15	61	80.17	61	71	62	77.0	62	4.1	62	5.6	62	.001
16	60	79.53	59	72	62	81.2	62	4.0	62	5.3	62	.004
17	60	78.04	60	74	62	89.4	62	4.1	62	4.6	62	.006
18	61	75.83	60	74	62	95.9	62	6.4	62	2.7	62	.007
19	61	73.70	61	72	62	97.3	62	8.0	62	1.8	62	.002
20	61	72.35	61	71	62	98.1	62	7.7	62	1.4	62	.005
21	61	71.72	61	70	62	98.2	62	5.9	62	1.3	62	.002
22	60	71.37	60	71	62	98.8	62	6.7	62	1.5	62	.006
23	60	71.05	60	71	62	99.1	62	6.8	62	1.4	62	.000
24	60	70.75	60	70	62	98.4	62	6.0	62	1.3	62	.008
	1425	74.38	1423	71	1488	91.2	1488	5.6	1488	2.7	1488	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO
FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	57	69.94	57	69	57	98.7	57	5.7	57	1.1	57	.003
2	57	69.68	57	69	57	99.4	57	6.2	57	1.2	57	.007
3	57	69.44	57	69	57	99.3	57	7.2	57	1.2	57	.007
4	57	69.13	57	69	57	99.4	57	7.5	57	1.2	57	.005
5	57	68.86	57	68	57	98.9	57	7.7	57	1.2	57	.001
6	57	68.66	57	68	57	99.6	57	7.0	57	1.1	57	.001
7	57	69.23	57	69	57	99.7	57	7.5	57	1.2	57	.004
8	57	72.57	57	71	57	96.9	57	8.2	57	1.2	57	.004
9	57	77.24	57	70	57	81.5	57	7.8	57	2.2	57	.005
10	57	79.66	57	70	57	73.7	57	7.5	57	3.8	57	.003
11	57	81.17	57	69	57	68.2	57	7.6	57	4.4	57	.004
12	57	81.36	57	69	57	68.2	57	7.9	57	5.4	57	.008
13	57	81.75	57	69	57	68.4	57	7.4	57	5.4	57	.030
14	57	81.65	57	70	57	69.4	57	8.4	57	5.6	57	.007
15	57	80.86	57	71	57	73.7	57	8.5	57	5.4	57	.002
16	57	80.46	57	71	57	74.6	57	7.5	57	5.1	57	.002
17	57	79.01	57	72	57	80.9	57	7.8	57	4.5	57	.001
18	56	76.96	57	72	57	90.2	57	7.5	57	3.2	57	.000
19	57	74.36	57	73	57	97.2	57	7.7	57	1.9	57	.003
20	57	72.65	57	72	57	99.4	57	6.0	57	1.2	57	.005
21	57	71.71	57	71	57	98.9	57	5.5	57	1.1	57	.002
22	57	71.22	57	71	57	98.8	57	7.0	57	1.2	57	.002
23	57	70.83	57	70	57	99.0	57	7.4	57	1.1	57	.001
24	57	70.30	57	70	57	99.4	57	8.4	57	1.2	57	.000
	1367	74.53	1368	70	1368	88.9	1368	7.4	1368	2.6	1368	.004

MARCH

1	91	71.96	45	72	91	98.2	91	4.3	91	1.0	91	0.000
2	91	71.67	45	72	91	98.2	91	4.1	91	0.9	91	.005
3	91	71.37	45	71	91	98.1	91	4.5	91	0.9	91	.004
4	91	71.20	45	71	91	98.3	91	5.0	91	1.0	91	.006
5	91	70.98	45	71	91	98.5	91	5.1	91	0.9	91	.002
6	91	70.95	45	71	91	98.7	91	4.8	91	0.9	91	.004
7	91	73.11	45	70	91	95.3	91	4.4	91	0.9	91	.001
8	91	76.98	45	73	91	89.6	91	3.2	91	1.1	91	.002
9	91	79.75	45	73	91	82.8	91	5.6	91	2.5	91	.002
10	91	81.55	45	72	91	77.4	91	4.3	91	3.3	91	.002
11	91	82.56	45	71	91	74.5	91	4.1	91	3.7	91	.004
12	91	83.04	45	71	91	73.3	91	3.6	91	3.9	91	.002
13	91	83.28	45	71	91	72.5	91	4.2	91	3.7	91	.006
14	91	83.11	45	71	91	72.9	91	4.1	91	3.6	91	.002
15	92	82.23	45	71	92	74.9	92	3.9	92	3.8	92	.001
16	92	81.25	45	76	92	80.0	92	4.4	92	3.7	92	.005
17	92	79.61	45	73	92	84.7	92	4.6	92	3.3	92	.005
18	92	77.90	45	75	92	91.6	92	4.0	92	2.7	92	.003
19	92	75.74	45	75	92	97.3	92	5.0	92	1.7	92	.007
20	92	74.60	45	75	92	98.1	92	4.3	92	1.1	92	.002
21	92	73.85	45	74	92	98.0	92	3.8	92	1.1	92	.004
22	92	73.23	45	74	92	98.3	92	4.4	92	1.1	92	.009
23	92	72.72	45	73	92	98.2	92	4.8	92	1.0	92	.004
24	91	72.42	44	74	91	98.2	91	4.2	91	0.9	91	.007
	2193	76.46	1079	72	2193	89.5	2193	4.4	2193	2.0	2193	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO

APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	73.88	59	73	59	96.4	59	0.7	59	0.6	59	0.000
2	59	73.65	59	73	59	97.0	59	0.7	59	0.6	59	.001
3	59	73.20	59	73	59	97.3	59	0.7	59	0.5	59	.017
4	59	72.96	59	72	59	98.0	59	0.4	59	0.4	59	.018
5	58	72.79	58	72	58	97.6	58	0.2	58	0.2	58	.022
6	59	72.62	59	72	59	97.9	59	0.1	59	0.1	59	.007
7	59	75.06	59	72	59	92.7	59	0.1	59	0.1	59	.007
8	59	78.64	59	74	59	83.9	59	0.1	59	0.1	59	.004
9	59	80.66	59	76	59	76.3	59	0.1	59	0.2	59	.001
10	59	81.70	59	77	59	74.1	59	0.7	59	2.2	59	.000
11	59	83.15	59	77	59	71.2	59	0.3	59	0.9	59	.001
12	59	83.22	59	78	59	71.7	59	0.6	59	1.4	59	.003
13	59	83.13	59	74	59	69.6	59	1.3	59	2.2	59	.006
14	59	82.95	59	74	59	72.0	59	1.9	59	2.6	59	.018
15	60	82.02	59	76	60	74.6	60	1.9	60	2.6	60	.013
16	59	81.43	59	77	59	76.4	59	2.2	59	2.8	59	.006
17	61	80.55	59	77	61	79.9	61	2.0	61	2.6	61	.001
18	60	78.76	59	77	60	87.7	60	1.9	60	2.2	60	.004
19	60	76.88	59	77	60	93.4	60	1.6	60	1.7	60	.003
20	60	75.69	59	75	60	95.9	60	1.2	60	1.2	60	.003
21	60	75.28	59	75	60	96.3	60	0.5	60	1.0	60	.005
22	60	75.07	59	74	60	95.8	60	0.8	60	0.9	60	.019
23	60	74.70	59	74	60	96.0	60	0.7	60	0.9	60	.006
24	60	74.25	59	74	60	96.3	60	.8	60	0.8	60	.000
	1425	77.60	1415	75	1425	87.0	1425	0.9	1425	1.2	1425	.007

MAY

1	62	75.30	62	74	62	97.1	62	1.4	62	0.4	62	.013
2	62	75.05	62	74	62	98.2	62	1.6	62	0.3	62	.034
3	62	74.81	62	73	62	97.4	62	1.4	62	0.2	62	.025
4	62	74.54	62	73	62	98.0	62	1.5	62	0.3	62	.030
5	62	74.18	62	73	62	97.8	62	0.9	62	0.2	62	.009
6	62	74.45	62	73	62	97.5	62	1.1	62	0.2	62	.014
7	62	77.76	62	74	62	89.0	62	1.4	62	0.4	62	.007
8	62	80.51	62	74	62	81.3	62	1.7	62	1.0	62	.003
9	62	82.05	61	73	62	76.7	62	1.8	62	1.7	62	.009
10	62	83.06	61	74	62	74.9	62	1.9	62	2.0	62	.014
11	62	83.90	61	74	62	73.1	62	1.9	62	2.5	62	.016
12	62	84.14	60	73	62	74.1	62	2.6	62	3.2	62	.018
13	62	83.77	61	75	62	75.7	62	2.7	62	3.7	62	.025
14	62	83.48	61	74	62	75.5	62	2.6	62	3.7	62	.019
15	62	82.27	61	77	62	79.1	62	2.7	62	3.9	62	.037
16	62	81.59	61	74	62	81.1	62	2.5	62	3.3	62	.024
17	62	80.67	61	73	62	82.8	62	2.5	62	2.7	62	.010
18	62	79.69	61	75	62	88.1	62	2.3	62	1.9	62	.017
19	62	78.13	61	75	62	93.3	62	2.5	62	1.5	62	.006
20	62	77.19	61	75	62	95.8	62	2.2	62	0.9	62	.011
21	62	76.60	61	75	62	95.9	62	1.9	62	0.8	62	.012
22	62	76.40	61	75	62	96.8	62	1.4	62	0.5	62	.006
23	62	76.04	61	74	62	96.8	62	2.2	62	0.5	62	.012
24	62	75.87	61	73	62	97.6	62	2.0	62	0.5	62	.008
	1488	78.81	1471	74	1488	88.1	1488	1.9	1488	1.5	1488	.016

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	73.73	60	72	60	96.6	60	0.9	60	0.4	60	.021
2	60	73.45	60	72	60	96.8	60	0.4	60	0.3	60	.012
3	60	73.18	60	72	60	96.6	60	0.4	60	0.3	60	.009
4	60	72.98	60	74	60	97.2	60	0.6	60	0.2	60	.007
5	60	72.83	60	72	60	97.6	60	0.7	60	0.1	60	.005
6	60	73.03	60	72	60	97.1	60	0.2	60	0.2	60	.008
7	60	75.97	60	74	60	90.0	60	0.7	60	0.2	60	.007
8	60	78.71	60	75	60	81.0	60	0.3	60	0.2	60	.002
9	60	80.19	60	75	60	76.3	60	0.5	60	0.7	60	.006
10	60	81.06	60	76	60	74.5	60	1.6	60	0.8	60	.010
11	60	81.96	60	76	60	72.4	60	0.6	60	1.0	60	.004
12	59	82.17	59	76	60	72.6	60	0.6	60	1.1	60	.002
13	60	81.91	60	76	60	72.7	60	1.2	60	1.5	60	.008
14	60	81.92	60	76	60	72.3	60	1.5	60	1.5	60	.019
15	60	81.37	60	76	60	74.2	60	1.3	60	1.6	60	.012
16	60	80.60	60	76	60	75.7	60	1.2	60	1.7	60	.005
17	60	79.51	60	75	60	80.0	60	1.5	60	1.7	60	.005
18	60	78.64	60	76	60	84.5	60	1.2	60	1.3	60	.004
19	60	77.04	60	75	60	90.8	60	1.0	60	1.0	60	.007
20	60	75.80	60	74	60	93.9	60	1.0	60	0.6	60	.010
21	60	75.23	60	74	60	94.7	60	1.0	60	0.5	60	.003
22	60	74.78	60	73	60	95.2	60	0.7	60	0.4	60	.002
23	60	74.46	60	73	60	95.4	60	0.7	60	0.4	60	.002
24	60	74.11	60	73	60	96.1	60	0.7	60	0.3	60	.006
	1439	77.27	1439	74	1440	86.4	1440	0.8	1440	0.7	1440	.007

JULY

1	66	74.43	66	71	68	96.1	68	0.0	68	0.0	68	.010
2	60	74.30	60	73	62	96.1	62	0.0	62	0.0	62	.004
3	60	73.78	60	73	62	97.1	62	0.0	62	0.1	62	.008
4	60	73.64	60	72	62	97.3	62	0.0	62	0.0	62	.006
5	60	73.49	60	72	62	97.4	62	0.0	62	0.0	62	.020
6	60	73.42	60	72	62	97.0	62	0.0	62	0.0	62	.013
7	60	76.60	60	73	62	90.1	62	0.0	62	0.0	62	.020
8	60	79.45	60	73	62	82.3	62	0.0	62	0.0	62	.011
9	60	80.92	60	72	62	77.5	62	0.0	62	0.2	62	.003
10	60	82.42	60	73	62	74.1	62	0.0	62	0.3	62	.000
11	60	83.04	60	72	62	71.5	62	0.0	62	0.6	62	.002
12	60	83.01	60	73	62	72.5	62	0.0	62	0.8	62	.016
13	61	83.03	60	72	62	72.6	62	0.0	62	1.0	62	.018
14	61	82.95	61	72	62	72.4	62	0.0	62	1.2	62	.004
15	61	82.43	61	73	62	74.8	62	0.0	62	1.6	62	.004
16	61	81.45	61	73	62	78.1	62	0.0	62	1.8	62	.012
17	60	79.94	60	73	62	81.3	62	0.0	62	1.5	62	.018
18	60	78.47	60	73	62	87.0	62	0.0	62	1.2	62	.024
19	59	76.82	59	74	61	92.8	61	0.0	61	0.7	61	.007
20	60	76.20	60	74	62	94.8	62	0.0	62	0.3	62	.010
21	60	75.73	60	74	62	95.1	62	0.0	62	0.1	62	.010
22	60	75.40	60	74	62	95.9	62	0.0	62	0.1	62	.014
23	60	75.17	60	73	62	95.5	62	0.0	62	0.1	62	.015
24	60	74.92	60	73	62	95.8	62	0.0	62	0.1	62	.008
	1449	77.96	1448	73	1493	86.9	1493	0.0	1493	0.5	1493	.011

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	75.71	60	74	60	97.5	60	4.3	60	0.7	60	.002
2	60	75.43	60	74	60	97.7	60	3.3	60	0.5	60	.002
3	60	75.13	60	74	60	97.4	60	3.7	60	0.7	60	.015
4	59	74.69	59	74	59	98.4	59	3.8	59	0.6	59	.018
5	60	74.43	60	74	60	98.7	60	3.1	60	0.6	60	.020
6	60	74.40	60	73	60	97.8	60	3.6	60	0.5	60	.016
7	60	77.17	60	75	60	93.8	60	2.2	60	0.5	60	.019
8	59	80.67	59	75	59	84.9	59	1.4	59	1.2	59	.003
9	60	82.84	60	74	61	78.0	61	1.6	61	2.2	61	.006
10	59	83.76	59	74	60	75.6	60	1.7	60	2.4	60	.014
11	59	85.00	59	75	61	73.7	61	1.7	61	2.7	61	.015
12	59	85.13	59	74	61	72.3	61	1.8	61	3.7	61	.016
13	59	84.91	59	74	61	73.2	61	2.0	61	4.1	61	.015
14	59	84.94	59	74	60	73.3	60	2.1	60	4.2	60	.008
15	59	84.42	59	75	60	75.8	60	2.1	60	4.3	60	.005
16	59	83.60	59	76	60	78.3	60	2.5	60	3.8	60	.007
17	60	82.06	60	76	60	83.9	60	2.2	60	3.6	60	.003
18	60	80.56	60	76	61	89.0	61	2.3	61	2.7	61	.010
19	60	78.52	60	77	60	95.6	60	2.8	60	1.7	60	.014
20	60	77.46	60	76	61	96.9	61	4.1	61	1.3	61	.017
21	60	77.05	60	76	60	97.2	60	4.2	60	1.1	60	.013
22	60	76.75	60	76	60	97.6	60	4.5	60	1.1	60	.022
23	59	76.36	59	75	59	97.4	59	4.3	59	1.0	59	.006
24	61	76.00	61	75	61	98.0	61	3.9	61	0.9	61	.002
	1431	79.44	1431	75	1444	88.4	1444	2.9	1444	1.9	1444	.011

SEPTEMBER

1	30	73.56	28	73	30	99.8	30	1.3	30	0.1	30	.101
2	30	73.00	28	73	30	99.8	30	1.1	30	0.1	30	0.000
3	30	72.73	28	73	30	99.6	30	1.4	30	0.1	30	.001
4	30	72.50	28	72	30	99.3	30	1.2	30	0.1	30	.000
5	30	72.60	28	72	30	99.3	30	1.8	30	0.2	30	.003
6	30	72.50	28	72	30	99.8	30	2.1	30	0.3	30	.004
7	30	74.66	28	74	30	97.9	30	2.0	30	0.2	30	.009
8	30	78.90	28	76	30	93.8	30	1.3	30	0.1	30	.003
9	30	80.93	28	74	30	81.8	30	3.1	30	0.6	30	.035
10	30	82.50	28	75	30	80.0	30	2.7	30	0.7	30	.016
11	30	83.53	27	73	30	75.0	30	2.2	30	0.9	30	.016
12	30	83.63	27	74	30	75.5	30	1.8	30	1.2	30	.005
13	30	83.50	27	71	30	75.6	30	2.3	30	1.4	30	.013
14	30	83.80	28	73	30	72.9	30	2.7	30	1.0	30	.028
15	30	82.66	28	74	30	76.6	30	2.5	30	1.5	30	.055
16	30	81.16	28	75	30	82.8	30	2.8	30	1.1	30	.034
17	30	79.83	28	76	30	88.0	30	2.6	30	1.0	30	.031
18	30	78.33	28	78	30	98.4	30	2.0	30	0.3	30	.017
19	30	76.43	28	76	30	99.3	30	1.9	30	0.1	30	.007
20	30	75.46	28	75	30	100.0	30	2.1	30	0.2	30	.005
21	30	74.76	28	75	30	99.5	30	1.8	30	0.1	30	.012
22	30	74.20	28	74	30	99.5	30	0.7	30	0.1	30	.013
23	30	73.93	28	74	30	99.6	30	1.3	30	0.1	30	.021
24	30	73.63	28	74	30	100.0	30	1.7	30	0.1	30	.011
	720	77.45	669	74	720	91.4	720	1.9	720	0.5	720	.018

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	79	74.26	61	72	80	96.8	80	5.5	80	0.8	80	.004
2	79	73.93	61	72	80	96.9	80	4.8	80	1.7	80	.007
3	79	73.57	61	72	80	97.3	80	4.3	80	0.7	80	.023
4	79	73.30	61	73	80	98.1	80	6.7	80	0.6	80	.007
5	79	73.24	61	72	80	97.3	80	6.7	80	0.6	80	.011
6	79	73.17	61	72	80	97.3	80	5.3	80	0.7	80	.005
7	79	75.38	60	73	80	94.2	80	6.0	80	0.7	80	.003
8	79	79.20	60	74	80	86.1	80	5.9	80	0.9	80	.000
9	78	81.88	60	74	80	77.2	80	6.9	80	1.8	80	.008
10	78	83.18	60	74	80	74.1	80	5.7	80	2.9	80	.019
11	78	83.86	60	74	80	71.6	80	4.7	80	3.1	80	.001
12	78	84.27	60	74	80	71.0	80	5.4	80	3.3	80	.011
13	81	83.99	62	73	81	72.0	81	5.6	81	3.7	81	.006
14	81	83.62	62	74	81	73.0	81	4.8	81	3.2	81	.010
15	81	82.85	62	75	81	75.3	81	6.7	81	3.3	81	.004
16	81	81.69	62	75	81	79.7	81	7.4	81	2.9	81	.015
17	81	80.33	62	75	81	86.8	81	7.3	81	2.1	81	.003
18	81	78.16	62	77	81	93.5	81	7.6	81	1.3	81	.010
19	81	76.43	62	77	81	96.1	81	5.5	81	0.7	81	.005
20	81	75.56	62	75	81	96.5	81	4.5	81	0.6	81	.005
21	81	75.02	62	74	81	97.3	81	5.7	81	0.6	81	.009
22	81	74.81	62	74	81	97.2	81	6.0	81	0.7	81	.001
23	81	74.49	62	74	81	96.9	81	4.6	81	0.7	81	.007
24	81	74.27	62	73	81	96.8	81	5.9	81	0.7	81	.000
	1916	77.93	1470	74	1932	88.3	1932	5.8	1932	1.6	1932	.007

NOVEMBER

1	90	73.34	60	73	90	96.2	90	4.3	90	0.6	90	.004
2	90	72.96	60	71	90	96.8	90	3.9	90	0.5	90	.017
3	90	72.72	60	71	90	97.0	90	4.7	90	0.5	90	.009
4	90	72.51	60	72	90	97.3	90	3.7	90	0.6	90	.007
5	90	72.30	60	72	90	97.5	90	6.4	90	0.6	90	.012
6	90	72.25	60	71	90	97.6	90	5.4	90	0.5	90	.007
7	90	74.33	60	73	90	94.7	90	5.1	90	0.6	90	.008
8	90	78.18	60	75	90	87.1	90	4.2	90	0.7	90	.006
9	90	81.36	60	75	90	78.6	90	4.5	90	1.3	90	.009
10	90	82.67	60	75	90	74.3	90	4.3	90	2.2	90	.005
11	90	82.96	60	74	90	72.6	90	3.7	90	2.3	90	.008
12	90	83.13	60	74	90	71.7	90	5.2	90	2.5	90	.017
13	90	83.24	60	74	90	71.5	90	4.7	90	2.8	90	.004
14	90	82.75	60	75	90	74.7	90	4.2	90	2.6	90	.014
15	90	81.41	60	75	90	78.6	90	4.9	90	2.5	90	.021
16	90	80.32	60	76	90	82.4	90	5.0	90	2.2	90	.009
17	90	78.51	60	76	90	89.1	90	6.5	90	1.8	90	.014
18	90	76.64	60	75	90	93.2	90	6.9	90	1.1	90	.011
19	90	75.37	60	74	90	95.4	90	5.1	90	0.4	90	.018
20	90	74.88	60	74	90	96.0	90	5.0	90	0.5	90	.013
21	90	74.37	60	73	90	96.1	90	5.0	90	0.5	90	.004
22	90	74.15	60	73	90	96.1	90	5.9	90	0.7	90	.008
23	90	74.00	60	73	90	95.8	90	5.1	90	0.6	90	.005
24	90	73.63	60	73	90	96.3	90	4.0	90	0.6	90	.001
	2160	77.00	1440	74	2160	88.6	2160	4.9	2160	1.2	2160	.009

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FAJARDO
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	92	71.52	61	70	93	95.7	93	2.6	93	1.2	93	.015
2	92	71.54	61	70	93	95.3	93	2.9	93	1.2	93	.003
3	92	71.35	61	70	93	94.9	93	3.7	93	1.3	93	.002
4	92	71.32	61	69	93	95.0	93	3.7	93	1.5	93	.008
5	92	71.28	61	70	93	95.1	93	3.2	93	1.4	93	.000
6	92	71.07	61	70	93	95.3	93	3.9	93	1.4	93	.003
7	90	71.75	59	72	93	94.0	93	4.0	93	1.6	93	.001
8	90	74.86	59	73	93	89.4	93	3.4	93	1.6	93	.001
9	90	78.68	59	71	93	78.0	93	4.7	93	1.9	93	.004
10	90	80.18	59	71	93	74.0	93	6.4	93	3.1	93	.002
11	89	81.00	59	71	92	71.5	92	8.3	92	3.6	92	.001
12	89	81.33	59	71	92	70.8	92	7.9	92	4.0	92	.000
13	89	81.21	59	71	92	69.9	92	8.8	92	4.0	92	.001
14	90	80.63	60	70	92	72.4	92	7.8	92	3.9	92	.004
15	90	80.12	60	70	92	73.5	92	7.7	92	3.7	92	.006
16	90	79.14	60	71	92	77.0	92	7.9	92	3.2	92	.007
17	91	77.42	61	72	92	83.3	92	6.6	92	2.5	92	.005
18	91	75.25	61	72	92	90.4	92	6.0	92	1.7	92	.012
19	79	74.26	49	72	80	93.1	80	3.3	80	1.3	80	.011
20	60	74.19	30	72	61	93.1	61	0.8	61	0.8	61	.000
21	60	73.55	30	71	61	93.3	61	1.3	61	0.8	61	.001
22	60	73.38	30	71	61	93.3	61	1.1	61	0.9	61	0.000
23	60	72.96	30	71	61	94.4	61	1.3	61	0.8	61	.000
24	60	72.65	30	69	61	95.0	61	0.9	61	0.9	61	0.000
	2010	75.57	1280	71	2051	86.0	2051	4.8	2051	2.1	2051	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	64	74.88	64	68	64	80.6	64	4.3	64	6.5	64	
2	64	74.58	64	68	64	80.6	64	4.3	64	6.1	64	
3	64	74.32	64	68	64	81.2	64	3.8	64	6.7	64	
4	64	74.08	64	68	64	81.6	64	4.2	64	6.6	64	
5	64	73.96	64	68	64	81.4	64	4.8	64	6.0	64	
6	64	73.79	64	68	64	81.5	64	5.7	64	7.2	64	
7	65	73.98	65	67	65	80.5	65	5.5	65	7.3	65	
8	64	74.87	64	68	64	79.5	64	4.8	64	6.4	64	
9	63	77.78	63	69	63	73.8	63	4.3	63	8.1	63	
10	63	80.00	63	68	63	68.3	64	4.1	64	10.2	64	
11	63	81.33	63	69	63	65.0	64	3.6	64	10.8	64	
12	63	81.75	63	69	63	65.2	64	4.1	64	10.6	64	
13	63	81.88	63	68	63	65.1	64	4.0	64	10.9	64	
14	64	81.82	64	69	64	64.5	64	3.7	64	11.2	64	
15	63	81.81	63	68	63	65.4	64	3.8	64	11.2	64	
16	64	81.08	64	69	64	66.6	64	3.7	64	11.3	64	
17	64	80.32	64	69	64	68.8	63	4.0	63	10.9	64	
18	64	78.95	64	68	64	71.3	64	3.6	64	9.0	64	
19	64	77.51	64	68	64	74.7	64	3.4	64	7.7	64	
20	64	76.57	64	68	64	76.3	64	4.6	64	7.3	64	
21	64	75.86	64	68	64	77.8	64	4.6	64	7.0	64	
22	65	75.46	65	68	65	79.1	65	4.2	65	6.5	65	
23	65	75.20	65	68	65	79.8	65	4.1	65	7.0	65	
24	65	75.16	65	68	65	80.2	65	4.4	65	6.7	65	
	1534	77.35	1534	68	1534	74.6	1538	4.2	1538	8.3	1539	.007

AT ROOSEVELT ROADS ONLY TOTAL DAILY RAINFALL WAS RECORDED.

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	85	74.54	85	68	85	81.1	85	4.8	85	7.8	85	
2	85	74.33	85	68	85	81.8	85	4.7	85	7.8	85	
3	85	74.13	85	68	85	82.2	85	4.4	85	7.7	85	
4	83	73.95	83	67	83	82.6	83	4.9	83	7.9	83	
5	86	73.83	86	68	86	83.1	86	4.4	86	8.2	86	
6	85	73.90	85	68	85	82.4	85	4.9	85	8.7	85	
7	84	74.03	84	68	84	81.8	84	4.8	84	8.5	84	
8	86	75.77	86	68	86	79.4	86	4.8	86	8.5	86	
9	85	78.14	85	68	85	74.0	85	4.4	85	10.3	85	
10	84	79.66	84	69	84	71.1	84	4.1	84	11.0	84	
11	86	80.92	86	68	86	67.5	86	4.3	86	12.0	86	
12	85	81.73	85	69	85	66.6	85	4.1	85	12.1	85	
13	85	82.21	85	69	85	65.4	85	4.4	85	12.0	85	
14	84	82.33	84	69	84	65.5	84	4.3	84	12.2	84	
15	84	82.15	84	69	84	66.0	84	4.3	84	11.6	84	
16	85	81.72	85	69	85	66.8	84	4.6	84	11.4	85	
17	86	80.89	86	68	86	68.3	86	4.4	86	10.7	86	
18	85	79.49	85	68	85	71.6	85	4.7	85	10.1	85	
19	85	77.50	85	68	85	75.5	85	4.5	85	8.8	85	
20	85	76.67	85	68	85	76.7	85	4.6	85	9.0	85	
21	85	76.02	85	68	85	78.1	84	4.4	84	8.2	85	
22	85	75.57	85	68	85	78.4	85	4.4	85	7.9	85	
23	85	75.36	85	68	85	79.2	85	4.1	85	7.8	85	
24	85	75.10	85	68	85	79.8	85	4.6	85	7.8	85	
	2038	78.75	2038	68	2038	75.2	2036	4.4	2036	9.8	2036	.006

MARCH

1	74	75.43	74	69	74	80.2	74	4.9	74	7.0	74	
2	75	75.05	75	68	75	80.9	75	5.4	75	7.4	75	
3	75	74.77	75	68	75	81.0	75	5.0	75	7.0	75	
4	75	74.52	75	68	75	81.4	75	5.4	75	7.7	75	
5	75	74.15	75	68	75	82.2	75	5.1	75	6.5	75	
6	75	74.05	75	68	75	82.2	75	5.3	75	6.9	75	
7	75	74.40	75	68	75	81.5	75	4.6	75	6.9	75	
8	75	77.33	75	69	75	76.7	75	4.8	75	8.1	75	
9	75	79.88	75	69	75	70.3	75	5.1	75	10.3	75	
10	76	81.29	76	69	76	66.7	76	4.8	76	10.6	76	
11	75	82.38	75	69	75	64.5	75	5.0	75	11.4	75	
12	75	82.89	75	69	75	63.7	75	5.1	75	11.6	75	
13	75	83.26	75	69	75	62.8	75	5.4	75	12.0	75	
14	75	83.48	75	68	75	62.3	75	5.2	75	11.8	75	
15	75	83.14	75	69	75	63.2	75	5.1	75	11.9	75	
16	75	82.13	75	69	75	65.4	75	5.1	75	11.2	75	
17	74	81.28	74	68	74	66.9	74	5.1	74	10.7	74	
18	75	79.69	75	68	75	69.8	75	5.4	75	9.7	75	
19	75	77.89	75	69	75	74.0	75	5.2	75	8.1	75	
20	75	77.28	75	69	75	75.6	75	5.2	75	8.0	75	
21	74	76.64	74	68	74	77.2	74	4.9	74	7.6	74	
22	74	76.31	74	69	74	77.8	74	4.4	74	7.2	74	
23	74	76.12	74	69	74	78.4	74	4.2	74	7.4	74	
24	74	75.87	74	69	74	78.8	74	4.4	74	6.8	74	
	1795	78.31	1795	68	1795	73.5	1795	5.0	1795	8.9	1795	.002

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS

APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	76.68	60	70	60	81.6	60	4.8	60	7.0	60	
2	60	76.33	60	70	60	82.3	60	5.0	60	6.3	60	
3	60	76.10	60	70	60	82.9	60	5.0	60	6.1	60	
4	60	75.87	60	70	60	82.9	60	5.0	60	5.7	60	
5	60	75.84	60	70	60	83.3	60	4.6	60	6.1	60	
6	60	75.63	60	70	60	83.2	60	5.0	60	5.3	60	
7	60	76.70	60	71	60	82.3	60	5.2	60	6.8	60	
8	60	79.45	60	71	60	75.9	60	5.8	60	8.2	60	
9	60	81.25	60	72	60	72.4	60	5.3	60	9.3	60	
10	60	82.81	60	70	60	68.0	60	5.6	60	9.9	60	
11	60	83.75	60	71	60	66.2	60	5.6	60	10.8	60	
12	60	84.17	60	70	60	64.6	60	5.5	60	11.1	60	
13	60	84.53	60	71	60	64.3	60	5.4	60	11.3	60	
14	60	84.20	60	71	60	65.3	60	5.6	60	11.9	60	
15	59	83.74	59	70	59	65.4	59	5.7	59	11.8	59	
16	61	82.73	61	70	61	68.0	61	5.7	61	11.1	61	
17	60	82.04	60	70	60	69.0	60	5.7	60	10.1	60	
18	59	80.41	59	70	59	72.4	59	6.0	59	8.9	59	
19	60	78.91	60	70	60	76.3	60	5.6	60	7.6	60	
20	61	78.16	61	70	61	78.1	61	5.2	61	7.6	61	
21	60	77.65	60	71	60	79.4	60	5.5	60	7.6	60	
22	60	77.37	60	70	60	79.8	60	5.8	60	8.0	60	
23	60	77.20	60	70	60	80.1	60	5.0	60	7.5	60	
24	60	77.05	60	70	60	80.6	60	4.9	60	7.5	60	
	1440	79.52	1440	70	1440	75.2	1440	5.3	1440	8.5	1440	.005

MAY

1	31	76.66	31	72	31	81.7	31	5.3	31	7.2	31	
2	31	76.41	31	71	31	82.3	31	4.1	31	7.5	31	
3	31	76.01	31	72	31	83.8	31	5.7	31	6.7	31	
4	31	75.80	31	71	31	82.8	31	5.7	31	7.7	31	
5	31	75.77	31	71	31	83.4	31	6.2	31	7.2	31	
6	31	75.51	31	71	31	82.2	31	5.4	31	7.1	31	
7	31	76.82	31	71	31	81.3	31	4.5	31	6.5	31	
8	31	78.33	31	72	31	77.8	31	5.6	31	9.0	31	
9	31	79.46	31	72	31	73.8	31	4.7	31	9.3	31	
10	31	80.56	31	71	31	72.6	31	5.1	31	10.0	31	
11	31	81.38	31	71	31	71.7	31	4.3	31	9.8	31	
12	31	81.98	31	72	31	69.9	31	4.4	31	10.3	31	
13	31	82.66	31	72	31	67.9	31	4.3	31	11.6	31	
14	30	82.35	30	71	30	68.4	30	4.2	30	11.1	30	
15	31	82.06	31	71	31	69.4	31	5.0	31	11.1	31	
16	31	81.43	31	71	31	70.0	31	4.5	31	10.8	31	
17	31	80.80	31	71	31	71.0	31	4.7	31	9.8	31	
18	31	79.66	31	71	31	74.5	31	4.8	31	9.4	31	
19	31	78.56	31	71	31	77.3	31	4.7	31	7.8	31	
20	31	77.58	31	72	31	80.0	31	5.6	31	8.1	31	
21	31	77.30	31	72	31	81.1	31	4.2	31	8.1	31	
22	30	76.86	30	72	30	81.2	30	4.6	30	7.3	30	
23	32	76.89	32	71	32	81.3	32	5.1	32	7.6	32	
24	31	76.69	31	72	31	81.7	31	4.6	31	8.2	31	
	743	78.64	743	71	743	77.0	743	4.9	743	8.7	743	.1

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	30	78.73	30	73	30	82.5	30	4.2	30	6.7	30	
2	30	78.43	30	73	30	83.2	30	4.6	30	6.4	30	
3	30	78.40	30	73	30	82.6	30	4.6	30	6.0	30	
4	30	78.23	30	73	30	82.8	30	4.7	30	5.6	30	
5	30	78.10	30	73	30	83.3	30	5.4	30	6.0	30	
6	30	78.23	30	74	30	82.8	30	4.9	30	6.2	30	
7	30	79.11	30	74	30	81.9	30	4.9	30	6.6	30	
8	30	81.26	30	73	30	76.4	30	5.2	30	8.1	30	
9	30	82.58	30	74	30	72.5	30	5.2	30	9.9	30	
10	30	83.46	30	73	30	71.3	30	5.3	30	9.9	30	
11	30	84.50	30	72	30	68.1	30	5.4	30	10.6	30	
12	30	84.61	30	72	30	67.5	30	5.6	30	10.6	30	
13	30	84.76	30	73	30	67.7	30	5.8	30	10.0	30	
14	30	84.63	30	74	30	68.2	30	5.4	30	9.5	30	
15	30	84.15	30	74	30	69.8	30	4.8	30	9.3	30	
16	30	84.05	30	74	30	69.9	30	5.2	30	9.4	30	
17	30	83.43	30	74	30	71.8	30	5.4	30	9.2	30	
18	30	82.86	30	73	30	73.4	30	4.7	30	8.5	30	
19	30	81.21	30	73	30	77.0	30	4.9	30	7.5	30	
20	30	80.05	30	74	30	80.2	30	4.9	30	6.8	30	
21	30	79.75	30	74	30	80.9	30	5.1	30	6.9	30	
22	30	79.70	30	74	30	80.8	30	4.6	30	6.9	30	
23	30	79.26	30	74	30	81.8	30	4.8	30	7.0	30	
24	30	79.23	30	74	30	82.0	30	4.5	30	6.3	30	
	720	81.20	720	73	720	76.6	720	5.0	720	7.9	720	.004

JULY

1	31	79.80	31	74	31	80.6	31	4.5	31	7.6	31	
2	31	79.71	31	74	31	80.6	31	3.9	31	6.7	31	
3	31	79.24	31	74	31	80.7	31	4.0	31	7.0	31	
4	31	79.40	31	73	31	80.2	31	4.4	31	7.3	31	
5	31	79.06	31	73	31	81.5	31	4.2	31	6.8	31	
6	31	78.76	31	73	31	82.0	31	4.2	31	7.2	31	
7	31	79.43	31	74	31	80.3	31	4.3	31	7.2	31	
8	31	81.72	31	74	31	76.4	31	5.1	31	9.1	31	
9	31	83.15	31	74	31	72.5	31	4.8	31	9.8	31	
10	31	84.54	31	74	31	69.7	31	4.6	31	10.9	31	
11	31	85.37	31	74	31	67.5	31	4.6	31	11.4	31	
12	31	85.69	31	75	31	67.7	31	4.7	31	11.8	31	
13	31	86.17	31	75	31	67.1	31	4.3	31	11.8	31	
14	31	86.62	31	74	31	65.1	31	4.6	31	12.2	31	
15	31	86.32	31	74	31	64.8	31	4.4	31	11.3	31	
16	31	85.46	31	74	31	68.2	31	4.5	31	10.9	31	
17	31	84.57	31	74	31	70.2	31	4.4	31	10.9	31	
18	31	83.17	31	74	31	73.4	31	4.4	31	8.7	31	
19	31	81.59	31	74	31	76.2	31	4.0	31	7.3	31	
20	31	80.38	31	74	31	80.0	31	4.3	31	7.3	31	
21	31	80.36	31	74	31	79.9	31	4.1	31	7.5	31	
22	31	80.27	31	74	31	81.0	31	4.5	31	7.3	31	
23	31	80.22	31	74	31	80.5	31	3.9	31	8.0	31	
24	31	80.21	31	74	31	80.6	31	4.0	31	7.9	31	
	744	82.13	744	74	744	75.3	744	4.4	744	8.9	744	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	31	80.08	31	74	31	80.3	31	3.9	31	6.4	31	
2	31	79.59	31	74	31	81.7	31	4.0	31	6.7	31	
3	31	79.48	31	74	31	80.6	31	4.4	31	6.3	31	
4	31	79.06	31	73	31	80.7	31	4.1	31	5.9	31	
5	31	79.00	31	73	31	80.7	31	4.1	31	5.4	31	
6	31	79.00	31	73	31	80.6	31	3.8	31	5.7	31	
7	53	79.58	53	74	53	83.0	53	4.1	53	7.5	53	
8	62	81.85	62	74	62	78.5	62	5.0	62	10.5	62	
9	62	83.37	62	74	62	76.1	62	4.9	62	11.5	62	
10	62	84.56	62	74	62	72.8	62	4.4	62	12.1	62	
11	61	85.58	60	73	61	70.7	60	4.1	60	12.9	61	
12	63	86.20	63	74	63	70.0	63	4.2	63	12.8	63	
13	62	86.29	62	75	62	70.0	62	3.9	62	13.6	62	
14	62	86.54	62	75	62	69.3	62	3.9	62	13.4	62	
15	62	86.14	62	74	62	69.9	62	4.1	62	13.2	62	
16	62	85.53	62	75	62	71.3	62	4.1	62	12.5	62	
17	62	84.69	62	74	62	72.2	62	4.1	62	12.4	62	
18	62	83.10	62	74	62	76.5	62	3.9	62	10.8	62	
19	62	81.82	62	74	62	79.4	62	4.0	62	9.7	62	
20	62	80.87	62	74	62	82.1	62	4.6	62	9.6	62	
21	62	80.43	62	74	62	82.9	62	4.2	61	10.0	62	
22	62	80.21	62	74	62	82.7	62	3.9	61	9.7	62	
23	62	80.13	62	74	62	83.2	62	4.0	61	9.8	62	
24	62	80.12	62	74	62	82.3	62	3.7	62	9.0	62	
	1293	83.46	1292	74	1293	75.7	1292	4.1	1289	11.4	1293	.176

SEPTEMBER

1	60	78.40	60	73	60	87.5	60	3.4	60	5.6	60	
2	60	78.20	60	74	60	87.5	60	3.4	60	5.1	60	
3	60	77.77	60	73	60	87.9	60	3.2	60	4.6	60	
4	60	77.49	60	73	60	87.8	60	2.6	60	4.1	60	
5	60	77.47	60	74	60	88.5	60	2.8	60	3.9	60	
6	61	77.48	61	74	61	88.5	61	3.8	61	4.8	61	
7	60	78.53	60	74	60	87.2	60	3.1	60	4.6	60	
8	59	81.21	59	74	59	82.2	59	4.9	59	5.8	59	
9	61	83.62	61	75	61	76.0	61	4.4	61	7.2	61	
10	59	85.10	59	75	59	73.5	59	4.9	59	9.0	59	
11	60	85.89	60	75	60	71.5	60	4.6	60	9.8	60	
12	60	86.69	60	75	60	70.5	60	5.1	60	10.2	60	
13	60	86.76	60	75	60	69.5	60	5.2	60	10.2	60	
14	60	86.82	60	75	60	69.2	60	4.7	60	9.8	60	
15	60	86.05	60	75	60	70.4	60	5.2	60	10.1	60	
16	60	84.93	60	75	60	72.9	60	5.3	60	9.2	60	
17	60	83.66	60	74	60	74.6	60	4.6	60	8.9	60	
18	60	82.21	60	74	60	77.5	60	4.4	60	6.7	60	
19	59	80.73	59	74	59	81.3	59	2.8	59	5.2	59	
20	60	79.89	60	74	60	84.1	60	2.6	60	4.8	60	
21	60	79.28	60	74	60	85.1	60	2.2	60	4.8	60	
22	60	79.04	60	74	60	85.4	60	2.4	60	4.9	60	
23	60	79.00	60	74	60	85.6	60	2.8	60	5.1	60	
24	60	78.78	60	74	60	86.4	60	3.2	60	5.4	60	
	1439	81.45	1439	74	1439	80.4	1439	3.8	1439	6.7	1439	.016

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	31	76.86	31	74	31	83.7	31	4.2	31	6.9	31	
2	31	76.73	31	74	31	83.8	31	3.7	31	6.3	31	
3	32	78.85	32	74	32	84.2	32	3.5	32	5.0	32	
4	30	78.22	30	73	30	85.9	30	2.9	30	4.6	30	
5	31	78.34	31	73	31	85.8	31	3.1	31	5.3	31	
6	31	77.94	31	73	31	85.7	31	3.5	31	5.5	31	
7	31	78.09	31	73	31	86.0	31	3.2	31	5.0	31	
8	31	80.27	31	75	31	82.7	31	3.3	31	5.5	31	
9	31	83.09	31	75	31	77.5	31	4.4	31	7.9	31	
10	31	84.32	31	75	31	73.9	31	3.9	31	8.0	31	
11	31	85.22	31	75	31	72.3	31	4.7	31	8.2	31	
12	31	85.89	31	75	31	71.3	31	4.5	31	9.0	31	
13	31	85.99	31	75	31	70.9	31	4.7	31	8.9	31	
14	31	85.45	31	75	31	72.0	31	4.6	31	9.4	31	
15	31	85.02	31	75	31	73.6	31	5.4	31	8.8	31	
16	31	84.70	31	75	31	73.8	31	4.9	31	8.9	31	
17	31	83.26	31	75	31	76.0	31	4.5	31	7.8	31	
18	31	81.91	31	74	31	78.8	31	3.9	31	5.8	31	
19	31	80.59	31	74	31	81.2	31	4.2	31	6.0	31	
20	23	79.72	23	74	23	83.3	23	2.6	23	4.3	23	
21	31	79.45	31	74	31	83.4	31	3.5	31	4.9	31	
22	31	79.38	31	74	31	82.9	31	3.4	31	5.0	31	
23	31	79.14	31	74	31	84.0	31	3.2	31	5.6	31	
24	31	79.19	31	74	31	84.6	31	4.0	31	5.9	31	
	736	81.55	736	74	736	79.1	736	4.0	736	6.9	736	.000

NOVEMBER

1	59	77.57	59	73	59	80.1	59	4.0	59	6.6	59	
2	58	77.25	58	72	58	80.2	58	3.2	58	5.9	58	
3	60	77.18	60	72	60	80.8	60	3.3	60	6.0	60	
4	60	77.00	60	72	60	81.0	60	3.3	60	5.3	60	
5	90	76.54	90	72	90	83.7	90	3.8	90	5.1	90	
6	90	76.42	90	72	90	83.7	90	3.0	90	4.5	90	
7	90	76.79	90	72	90	83.4	90	2.9	90	4.5	90	
8	90	79.13	90	74	90	79.9	90	2.8	90	5.2	90	
9	90	82.06	90	75	90	73.2	90	3.9	90	6.7	90	
10	90	83.68	90	75	90	69.5	90	4.5	90	8.1	90	
11	90	84.33	90	76	90	68.2	90	4.2	90	8.7	90	
12	90	84.77	90	76	90	68.2	90	4.5	90	8.8	90	
13	90	85.01	90	76	90	67.0	90	4.5	90	9.3	90	
14	90	84.73	90	75	90	67.5	90	4.6	90	9.4	90	
15	90	84.07	90	75	90	68.6	90	5.0	90	8.8	90	
16	90	83.05	90	75	90	70.3	90	4.5	90	8.5	90	
17	90	81.92	90	74	90	72.0	90	4.9	90	7.3	90	
18	90	80.33	90	74	90	75.5	90	4.2	90	6.1	90	
19	90	78.86	90	73	90	79.2	90	4.4	90	5.2	90	
20	90	78.49	90	73	90	80.6	90	3.7	90	5.2	90	
21	90	78.26	90	73	90	80.5	90	3.5	90	5.1	90	
22	90	78.04	90	73	90	81.3	90	3.5	90	5.6	90	
23	90	77.95	90	73	90	81.1	90	3.6	90	5.8	90	
24	90	77.59	90	73	90	81.9	90	2.6	90	4.8	90	
	2037	80.21	2037	74	2037	76.3	2037	3.9	2037	6.6	2037	.006

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

ROOSEVELT ROADS
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL
1	93	76.02	93	69	93	81.2	93	3.9	93	6.2	93
2	63	76.43	63	69	63	80.7	63	3.8	63	5.7	63
3	61	76.09	61	68	61	80.1	61	3.1	61	5.8	61
4	62	76.00	62	69	62	80.0	62	3.6	62	5.6	62
5	62	75.95	62	69	62	80.3	62	2.6	62	5.7	62
6	62	75.78	62	69	62	80.4	62	3.0	62	5.7	62
7	63	75.78	63	69	63	80.5	63	3.5	63	5.3	63
8	63	77.45	63	69	63	77.2	63	3.1	63	5.7	63
9	62	79.90	62	68	62	72.4	62	4.3	62	7.7	62
10	62	81.40	62	69	62	69.1	62	4.4	62	8.5	62
11	62	82.38	62	70	62	67.3	62	4.1	62	8.9	62
12	62	83.10	62	70	62	66.4	62	4.4	62	10.0	62
13	62	83.40	62	70	62	65.0	62	4.5	62	10.3	62
14	62	83.66	62	70	62	64.5	62	4.5	62	9.8	62
15	62	83.27	62	70	62	65.1	62	4.5	62	9.6	62
16	62	82.79	62	70	62	66.6	62	4.5	62	10.1	62
17	62	81.69	62	70	62	68.5	62	4.8	62	8.8	62
18	62	80.10	62	69	62	72.0	62	4.4	62	7.7	62
19	62	73.75	62	69	62	74.5	62	4.2	62	7.3	62
20	62	77.92	62	69	62	76.8	62	4.5	62	6.4	62
21	62	77.70	62	69	62	77.0	62	3.7	62	6.1	62
22	61	77.42	61	69	61	77.8	61	4.2	61	6.2	61
23	63	77.18	63	69	63	78.7	63	3.4	63	5.9	63
24	62	77.07	62	69	62	78.7	62	3.3	62	5.4	62
	1521	78.98	1521	69	1521	74.3	1521	3.9	1521	7.2	1521 .004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	71.35	62	70	62	98.7	62	6.5	62	1.3	62	.002
2	62	71.21	62	71	62	98.9	62	5.8	62	1.2	62	.004
3	62	70.82	62	70	62	99.0	62	4.9	62	1.1	62	.006
4	62	70.38	62	70	62	99.3	62	7.7	62	1.1	62	.001
5	62	70.39	62	70	62	99.2	62	6.2	62	1.0	62	.002
6	62	70.21	62	70	62	99.1	62	5.5	62	1.2	62	.005
7	62	70.57	61	70	62	99.3	62	4.8	62	1.2	62	.008
8	62	72.41	61	72	62	98.4	62	7.9	62	1.1	62	.002
9	62	77.10	61	72	62	85.7	62	5.8	62	1.4	62	.006
10	62	79.79	61	70	62	76.1	62	10.0	62	2.4	62	.005
11	62	80.78	60	71	62	73.2	62	11.1	62	2.9	62	.019
12	61	81.53	59	71	62	71.7	62	11.2	62	3.1	62	.021
13	62	81.78	60	72	62	71.0	62	11.3	62	3.3	62	.006
14	62	81.70	60	72	62	73.2	62	10.9	62	3.3	62	.005
15	62	80.84	60	72	62	74.3	62	11.6	62	3.1	62	.028
16	62	80.09	61	72	62	76.5	62	12.1	62	3.0	62	.005
17	62	78.89	61	74	62	84.0	62	11.6	62	2.6	62	.008
18	62	76.42	61	74	62	93.3	62	12.0	62	1.6	62	.002
19	62	74.07	62	73	62	97.0	62	6.4	62	1.2	62	.002
20	61	73.14	61	72	62	97.5	62	6.8	62	1.3	62	.003
21	62	72.50	62	72	62	98.3	62	7.5	62	1.3	62	.007
22	62	72.02	62	72	62	98.1	62	5.7	62	1.4	62	.003
23	62	71.70	62	71	62	98.7	62	6.4	62	1.2	62	.004
24	62	71.51	62	71	62	98.8	62	6.7	62	1.3	62	.004
	1486	75.05	1469	71	1488	90.0	1488	8.2	1488	1.8	1488	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO

FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		VELOCITY		RAINFALL	
1	57	71.51	57	70	57	95.8	57	3.5	57	1.0	57	.001
2	57	71.51	57	70	57	96.1	57	4.7	57	1.2	57	.003
3	57	70.99	57	70	57	96.6	57	6.6	57	1.3	57	.011
4	57	70.70	57	69	57	96.7	57	5.0	57	1.2	57	.014
5	57	70.43	57	70	57	97.1	57	4.5	57	1.1	57	.004
6	57	70.31	57	69	57	97.1	57	4.9	57	1.1	57	.001
7	57	70.32	57	69	57	96.9	57	4.4	57	1.2	57	.004
8	57	71.93	57	70	57	94.8	57	4.1	57	1.0	57	.007
9	57	77.13	57	70	57	80.5	57	6.6	57	1.2	57	.005
10	57	79.93	57	70	57	72.0	57	9.9	57	2.4	57	.004
11	57	81.49	57	70	57	68.9	57	11.3	57	2.9	57	.001
12	57	82.25	57	70	57	67.4	57	11.4	57	3.2	57	.001
13	57	82.43	57	70	57	66.4	57	11.3	57	3.4	57	.001
14	57	82.63	57	70	57	66.8	57	11.9	57	3.5	57	.010
15	57	82.07	57	70	57	68.4	57	11.6	57	3.5	57	.023
16	57	81.53	57	70	57	70.8	57	10.9	57	3.3	57	.001
17	57	80.28	57	72	57	76.2	57	10.1	57	2.7	57	.008
18	57	78.24	57	74	57	86.4	57	10.1	57	1.9	57	.005
19	57	75.41	57	74	57	94.7	57	5.5	57	0.6	57	.015
20	57	73.84	57	72	57	95.7	57	1.6	57	0.7	57	.000
21	57	73.00	57	72	57	96.1	57	3.0	57	0.9	57	.008
22	57	72.63	57	72	57	95.6	57	5.3	57	1.1	57	.011
23	57	72.51	57	71	57	95.6	57	3.3	57	1.4	57	.001
24	57	72.33	57	71	57	96.0	57	6.0	57	1.4	57	.003
	1368	75.64	1368	71	1368	86.2	1368	7.0	1368	1.8	1368	.006

MARCH

1	89	72.70	62	72	90	96.9	90	4.7	90	0.9	90	.002
2	89	72.45	62	72	90	97.2	90	4.3	90	0.8	90	.004
3	88	72.12	62	72	89	97.1	89	4.3	89	0.8	89	.001
4	89	71.87	62	72	90	97.1	90	5.6	90	0.9	90	.002
5	89	71.62	62	72	90	97.4	90	5.1	90	0.8	90	.000
6	89	71.36	62	72	90	97.7	90	4.6	90	0.8	90	.002
7	89	71.82	62	72	90	96.5	90	5.6	90	0.8	90	0.000
8	89	74.17	62	72	90	91.8	90	5.3	90	0.8	90	.000
9	89	78.58	62	71	90	75.8	90	6.7	90	1.2	90	.004
10	89	80.93	62	70	90	69.3	90	7.1	90	1.6	90	.002
11	90	82.36	62	70	90	65.6	90	7.3	90	1.9	90	.004
12	90	83.22	62	70	90	63.4	90	7.9	90	2.2	90	.006
13	90	83.77	62	70	90	61.5	90	7.4	90	2.3	90	.006
14	91	83.70	62	70	91	62.0	91	6.9	91	2.4	91	.001
15	91	83.47	62	70	91	63.4	91	6.8	91	2.1	91	.001
16	90	82.78	62	71	91	65.4	91	6.6	91	2.1	91	.004
17	90	81.48	62	72	91	70.1	91	6.6	91	1.8	91	.007
18	90	79.63	62	73	91	77.7	91	5.9	91	1.5	91	.003
19	90	76.95	62	74	91	88.4	91	6.9	91	1.0	91	.006
20	90	75.46	62	74	91	92.9	91	5.0	91	0.7	91	.006
21	90	74.58	62	74	91	94.7	91	5.4	91	0.8	91	.008
22	90	73.99	62	74	91	95.8	91	4.9	91	0.8	91	.004
23	90	73.42	62	74	91	96.7	91	4.6	91	0.8	91	.001
24	90	73.13	62	73	91	96.4	91	3.3	91	1.0	91	.007
	2151	76.92	1488	72	2170	83.8	2170	5.8	2170	1.3	2170	.003

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	73.41	59	72	59	97.4	59	5.4	59	1.1	59	.008
2	59	73.05	59	72	59	97.2	59	6.0	59	1.1	59	.008
3	59	72.61	59	72	59	97.2	59	5.2	59	1.0	59	.036
4	59	72.49	59	72	59	97.6	59	5.6	59	1.1	59	.007
5	59	72.29	59	72	59	98.4	59	5.7	59	1.0	59	.006
6	59	72.12	59	72	59	98.9	59	6.0	59	1.1	59	.012
7	59	73.30	59	72	59	97.3	59	5.3	59	1.0	59	.020
8	59	75.94	59	72	59	89.7	59	4.6	59	1.0	59	.008
9	59	79.50	59	72	59	77.5	59	4.1	59	1.5	59	.015
10	59	82.03	59	71	59	70.1	59	5.3	59	2.1	59	.005
11	59	82.89	59	72	59	69.3	59	5.6	59	2.6	59	.019
12	59	83.40	58	71	59	70.4	59	6.3	59	2.8	59	.007
13	59	83.15	59	72	59	69.3	59	7.1	59	2.8	59	.016
14	59	83.32	59	72	59	70.1	59	7.0	59	2.8	59	.029
15	59	82.63	59	72	59	71.7	59	7.6	59	2.6	59	.024
16	59	81.84	59	72	59	74.2	59	7.5	59	2.4	59	.028
17	60	80.95	60	72	60	78.1	60	7.3	60	2.3	60	.024
18	60	79.15	60	73	60	84.9	60	6.7	60	1.8	60	.040
19	60	76.69	60	74	60	93.2	60	6.2	60	1.4	60	.025
20	60	75.16	60	73	60	95.9	60	6.2	60	1.3	60	.010
21	60	74.64	60	73	60	96.2	60	5.5	60	1.3	60	.003
22	60	74.43	60	73	60	96.4	60	6.2	60	1.4	60	.016
23	60	73.93	60	72	60	96.3	60	6.1	60	1.2	60	.017
24	60	73.50	60	72	60	96.7	60	6.1	60	1.2	60	.014
	1424	77.18	1423	72	1424	86.9	1424	6.0	1424	1.7	1424	.017
					MAY							
1	61	75.78	60	74	62	96.6	62	1.5	62	0.2	62	.045
2	61	75.73	60	73	62	97.2	62	1.8	62	0.2	62	.030
3	61	75.06	60	74	62	97.4	62	1.4	62	0.2	62	.014
4	61	74.97	60	74	62	97.4	62	1.3	62	0.2	62	.009
5	61	74.90	60	74	62	97.7	62	1.6	62	0.3	62	.021
6	61	74.80	60	74	62	97.7	62	2.0	62	0.4	62	.022
7	61	76.30	60	75	62	96.8	62	1.5	62	0.3	62	.016
8	61	78.89	60	76	62	90.5	62	0.6	62	0.1	62	.017
9	61	82.04	60	74	62	78.6	62	2.1	62	0.4	62	.026
10	61	83.30	59	74	62	75.7	62	3.6	62	1.0	62	.023
11	62	84.53	59	74	62	73.9	62	4.5	62	1.2	62	.019
12	61	85.11	61	74	62	71.2	62	5.0	62	1.5	62	.007
13	61	85.30	61	74	62	71.8	62	5.3	62	1.6	62	.016
14	61	84.64	61	75	62	73.3	62	4.8	62	1.6	62	.032
15	61	84.23	61	75	62	74.8	62	5.0	62	1.3	62	.020
16	61	83.50	61	76	62	77.6	62	5.2	62	1.3	62	.014
17	61	82.45	61	76	62	81.0	62	4.6	62	1.0	62	.015
18	61	81.44	61	76	62	84.6	62	3.7	62	0.7	62	.021
19	61	79.28	61	76	62	91.5	62	3.0	62	0.5	62	.013
20	61	77.99	61	76	62	94.9	62	2.5	62	0.4	62	.001
21	61	77.12	61	75	62	95.5	62	1.5	62	0.4	62	.005
22	61	76.90	61	75	62	96.3	62	2.2	62	0.4	62	.007
23	61	76.48	61	75	62	97.2	62	2.4	62	0.3	62	.003
24	61	76.21	61	76	62	98.0	62	1.9	62	0.3	62	.000
	1465	79.46	1451	75	1488	87.8	1488	2.9	1488	0.7	1488	.016

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	76.21	60	74	60	96.5	60	0.7	60	0.1	60	.014
2	60	75.88	60	74	60	97.4	60	1.4	60	0.2	60	.014
3	60	75.66	60	74	60	97.8	60	1.7	60	0.2	60	.032
4	61	75.60	61	74	61	97.4	61	1.4	61	0.2	61	.008
5	60	75.52	60	74	60	97.9	60	1.3	60	0.3	60	.016
6	60	75.40	60	74	60	98.3	60	1.2	60	0.2	60	.017
7	59	76.67	59	75	59	95.0	59	0.9	59	0.1	59	.013
8	60	79.02	60	75	60	88.1	60	2.0	60	0.3	60	.005
9	60	81.55	60	73	60	77.9	60	2.6	60	0.8	60	.026
10	60	83.37	60	73	60	72.8	60	4.2	60	1.3	60	.010
11	60	84.44	60	73	60	68.8	60	5.0	60	1.8	60	.007
12	60	84.76	60	74	60	69.1	60	5.1	60	2.0	60	.012
13	60	84.81	60	74	60	69.9	60	4.8	60	2.0	60	.022
14	60	84.96	60	74	60	68.8	60	4.5	60	2.0	60	.029
15	60	84.46	60	74	60	71.6	60	4.4	60	1.9	60	.010
16	60	83.78	60	74	60	73.0	60	4.3	60	1.8	60	.002
17	60	83.03	60	74	60	76.0	60	4.1	60	1.5	60	.004
18	60	81.85	60	75	60	81.2	60	3.5	60	1.2	60	.002
19	60	79.79	60	76	60	90.5	60	2.4	60	0.5	60	.006
20	60	78.24	60	76	60	93.7	60	1.5	60	0.3	60	.012
21	60	77.37	60	76	60	94.7	60	1.5	60	0.1	60	.000
22	60	77.03	60	75	60	95.2	60	1.5	60	0.2	60	.000
23	60	76.65	60	75	60	96.0	60	1.5	60	0.2	60	.000
24	60	76.36	60	75	60	96.6	60	2.2	60	0.3	60	.001
	1440	79.68	1440	74	1440	86.0	1440	2.6	1440	0.8	1440	.011

JULY

1	62	76.37	62	75	62	95.5	62	2.5	62	0.5	62	.005
2	62	76.10	62	75	62	96.0	62	2.2	62	0.4	62	.007
3	62	75.92	62	74	62	95.9	62	2.2	62	0.4	62	.007
4	62	75.67	62	74	62	96.3	62	2.1	62	0.3	62	.006
5	62	75.39	62	74	62	96.4	62	2.7	62	0.6	62	.013
6	62	75.49	62	74	62	96.9	62	2.4	62	0.7	62	.007
7	62	76.60	62	76	62	96.0	62	1.8	62	0.3	62	.013
8	62	79.38	62	76	62	88.6	62	2.6	62	0.5	62	.037
9	62	82.84	62	75	62	77.3	62	4.1	62	1.2	62	.012
10	62	84.08	62	74	63	72.9	63	5.1	63	1.6	63	.017
11	61	85.74	61	74	62	68.8	62	5.9	62	2.3	62	.009
12	62	86.17	62	74	62	67.6	62	6.4	62	2.4	62	.017
13	62	85.99	62	74	62	69.3	62	6.8	62	2.6	62	.008
14	62	85.89	62	75	62	69.7	62	6.7	62	2.7	62	.013
15	62	86.04	62	74	62	68.7	62	6.3	62	2.5	62	.011
16	62	85.09	62	75	62	72.6	62	6.2	62	2.4	62	.002
17	62	83.81	62	74	62	75.4	62	6.3	62	2.0	62	.011
18	62	82.23	62	76	62	80.5	62	5.9	62	1.7	62	.024
19	62	79.90	62	76	62	88.2	62	4.1	62	0.8	62	.023
20	61	78.48	61	76	61	91.3	61	2.7	61	0.5	61	.000
21	62	77.63	62	75	62	93.3	62	2.5	62	0.4	62	.003
22	62	77.33	62	76	62	94.5	62	2.6	62	0.5	62	.007
23	62	76.91	62	76	62	95.1	62	2.2	62	0.4	62	.016
24	61	76.71	61	75	62	94.8	62	1.9	62	0.4	62	.023
	1485	80.24	1485	75	1488	85.1	1488	3.9	1488	1.2	1488	.012

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	73.22	59	74	62	97.2	62	3.0	62	0.5	62	.009
2	60	74.83	59	74	62	97.7	62	3.7	62	0.5	62	.004
3	60	74.65	59	74	62	97.3	62	2.4	62	0.5	62	.013
4	60	74.45	59	74	62	97.6	62	2.7	62	0.5	62	.018
5	60	74.12	59	74	62	97.9	62	2.6	62	0.5	62	.035
6	60	74.29	59	74	62	98.0	62	3.1	62	0.4	62	.006
7	60	75.59	59	74	62	96.4	62	2.6	62	0.6	62	.027
8	60	78.29	58	76	62	92.4	62	3.2	62	1.0	62	.015
9	60	81.69	58	75	62	81.9	62	4.4	62	1.3	62	.020
10	59	83.52	58	75	62	76.9	62	5.7	62	2.0	62	.018
11	59	85.08	58	74	62	71.7	62	5.6	62	2.0	62	.005
12	58	86.09	57	74	62	68.9	62	6.3	62	2.3	62	.010
13	59	86.24	58	74	62	68.4	62	6.1	62	2.2	62	.005
14	60	86.11	59	74	62	68.7	62	6.0	62	2.1	62	.004
15	60	85.44	59	74	62	71.9	62	5.9	62	2.1	62	.002
16	60	84.91	59	74	62	73.0	62	5.9	62	1.9	62	.002
17	60	83.49	59	74	62	77.1	62	5.9	62	1.5	62	.014
18	60	81.92	59	75	62	82.2	62	4.6	62	1.0	62	.018
19	60	79.08	59	76	62	90.7	62	2.9	62	0.5	62	.015
20	60	77.74	59	76	61	93.9	61	2.5	61	0.4	61	.016
21	60	76.83	59	76	62	95.6	62	1.7	62	0.4	62	.028
22	60	76.41	59	75	62	95.6	62	2.5	62	0.5	62	.012
23	60	76.04	59	74	62	95.9	62	3.0	62	0.5	62	.015
24	60	75.65	59	74	62	96.6	62	3.8	62	0.5	62	.007
	1435	79.46	1409	74	1487	86.8	1487	4.0	1487	1.1	1487	.013

SEPTEMBER

1	30	75.50	30	74	30	96.1	30	6.7	30	0.6	30	.069
2	30	75.26	30	74	30	96.5	30	7.5	30	0.6	30	0.000
3	30	75.03	30	74	30	96.2	30	9.6	30	0.7	30	.004
4	30	74.76	30	74	30	96.5	30	10.7	30	0.9	30	.001
5	30	74.66	30	71	30	97.2	30	9.0	30	0.7	30	.022
6	29	74.55	29	71	30	97.1	30	10.8	30	1.0	30	.013
7	28	75.46	28	70	30	96.8	30	9.0	30	0.9	30	.012
8	28	78.50	28	72	30	93.7	30	9.4	30	0.8	30	.001
9	28	82.28	28	71	30	81.5	30	6.8	30	0.7	30	.032
10	28	84.14	28	70	30	75.4	30	7.6	30	0.9	30	.009
11	28	85.17	28	70	30	74.3	30	8.3	30	1.3	30	.020
12	28	85.75	28	72	29	71.5	29	9.0	29	1.5	29	.025
13	29	82.86	29	70	30	73.0	30	8.8	30	2.1	30	.085
14	29	85.48	29	73	30	72.7	30	7.8	30	1.8	30	.008
15	29	84.62	29	72	30	74.4	30	7.0	30	1.5	30	.058
16	30	83.33	30	75	30	78.5	30	8.6	30	1.7	30	.035
17	30	82.36	30	76	30	80.9	30	9.7	30	1.3	30	.021
18	30	80.40	30	76	30	86.4	30	9.3	30	0.9	30	.012
19	30	78.10	30	76	30	92.4	30	6.8	30	0.6	30	.017
20	31	77.00	31	75	31	94.1	31	5.8	31	0.5	31	.006
21	30	76.46	30	75	30	95.0	30	8.3	30	0.6	30	.022
22	30	75.93	30	75	30	95.8	30	10.4	30	0.7	30	.012
23	30	75.70	30	74	30	95.8	30	8.6	30	0.7	30	.016
24	30	75.46	30	74	30	96.2	30	9.6	30	0.8	30	.042
	705	79.05	705	73	720	87.8	720	8.5	720	1.0	720	.022

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	79	75.00	60	74	80	97.1	80	3.1	80	0.4	80	.016
2	79	74.82	60	74	80	97.5	80	4.0	80	0.4	80	.006
3	79	74.62	60	74	80	97.5	80	5.0	80	0.5	80	.006
4	79	74.42	60	74	80	97.3	80	3.8	80	0.5	80	.006
5	79	74.34	60	74	80	97.6	80	5.6	80	0.6	80	.007
6	79	74.21	60	74	80	97.8	80	4.8	80	0.5	80	.009
7	79	75.48	60	74	80	96.9	80	4.3	80	0.6	80	.007
8	79	79.06	60	76	80	89.5	80	3.4	80	0.6	80	.006
9	79	82.66	60	75	80	78.9	80	4.8	80	0.8	80	.012
10	78	84.58	58	74	80	73.4	80	7.6	80	1.2	80	.001
11	80	85.26	60	74	81	70.5	81	7.7	81	1.3	81	.008
12	80	85.70	60	74	81	69.2	81	7.2	81	1.4	81	.001
13	81	85.50	62	73	81	68.8	81	8.6	81	1.7	81	.004
14	82	85.14	62	74	82	70.5	82	8.8	82	1.6	82	.054
15	81	84.35	62	74	81	73.2	81	7.4	81	1.5	81	.026
16	81	83.29	62	74	81	76.7	81	7.9	81	1.2	81	.029
17	80	81.58	62	76	80	84.3	80	6.3	80	1.0	80	.010
18	81	79.13	62	76	81	92.0	81	5.2	81	0.6	81	.011
19	81	77.30	62	76	81	95.5	81	3.6	81	0.4	81	.009
20	81	76.48	62	75	81	96.5	81	3.2	81	0.3	81	.013
21	81	76.01	62	75	81	96.8	81	4.2	81	0.4	81	.010
22	81	75.76	62	74	81	96.5	81	4.6	81	0.5	81	.008
23	81	75.36	62	74	81	96.5	81	3.7	81	0.5	81	.009
24	81	75.21	62	74	81	96.9	81	4.3	81	0.4	81	.002
	1921	78.98	1462	74	1934	87.8	1934	5.4	1934	0.8	1934	.011

NOVEMBER

1	89	73.03	52	71	89	97.9	89	2.9	89	0.5	89	.004
2	90	72.71	54	71	90	98.1	90	4.1	90	0.5	90	.013
3	90	72.50	55	70	90	98.5	90	3.3	90	0.5	90	.006
4	90	72.19	54	70	90	98.6	90	3.1	90	0.5	90	.009
5	90	71.86	48	70	90	98.7	90	3.1	90	0.4	90	.008
6	90	71.69	51	70	90	98.7	90	2.4	90	0.4	90	.006
7	90	72.36	53	70	90	98.4	90	2.3	90	0.5	90	.005
8	90	75.11	58	73	90	95.1	90	1.9	90	0.4	90	.001
9	90	80.77	50	74	90	78.6	90	4.0	90	0.5	90	.010
10	90	82.79	56	73	90	72.4	90	4.4	90	0.9	90	.007
11	90	83.92	51	74	90	70.3	90	4.8	90	1.2	90	.006
12	90	84.32	55	74	90	69.8	90	5.3	90	1.7	90	.002
13	90	84.08	55	73	90	71.2	90	6.5	90	1.9	90	.014
14	90	83.82	57	73	90	71.4	90	5.8	90	1.8	90	.005
15	90	82.87	59	74	90	75.6	90	5.6	90	1.4	90	.007
16	90	81.87	54	75	90	79.3	90	5.1	90	1.0	90	.005
17	90	79.65	58	75	90	85.7	90	3.8	90	0.8	90	.018
18	90	77.23	60	75	90	94.6	90	2.5	90	0.4	90	.009
19	90	75.40	58	73	90	96.8	90	3.1	90	0.4	90	.012
20	90	74.61	58	72	90	97.9	90	3.2	90	0.5	90	.004
21	89	74.13	55	72	90	98.0	90	3.1	90	0.5	90	.001
22	89	73.97	58	72	90	97.5	90	3.3	90	0.5	90	.003
23	89	73.75	56	72	90	97.3	90	3.4	90	0.5	90	.007
24	89	73.32	54	71	90	97.8	90	3.1	90	0.5	90	.001
	2155	77.01	1319	72	2159	'89.1	2159	3.8	2159	0.8	2159	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO BLANCO
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	93	71.42	62	70	94	97.8	94	1.4	94	0.7	94	.014
2	92	71.00	61	68	93	98.2	93	2.1	93	0.8	93	.008
3	92	70.72	61	68	93	97.3	93	1.8	93	0.7	93	.010
4	92	70.67	61	68	93	97.0	93	2.1	93	0.7	93	.010
5	93	70.47	62	68	93	97.1	93	2.4	93	0.7	93	.009
6	93	70.35	62	68	93	97.5	93	2.5	93	0.8	93	.009
7	93	70.68	62	70	93	97.6	93	1.7	93	0.7	93	.007
8	93	72.48	62	70	93	95.6	93	1.5	93	0.7	93	.008
9	93	77.88	62	70	93	80.0	93	1.9	93	0.9	93	.005
10	92	80.14	62	70	92	74.7	92	3.0	92	1.6	92	.001
11	92	81.67	62	70	92	70.4	92	2.8	92	1.9	92	.007
12	92	82.47	62	70	92	68.6	92	3.4	92	2.2	92	.006
13	92	82.41	62	70	92	69.0	92	3.5	92	2.5	92	.007
14	92	82.01	62	70	92	70.0	92	3.9	92	2.6	92	.033
15	92	81.06	62	71	92	73.1	92	3.5	92	2.1	92	.011
16	92	80.19	62	72	92	77.0	92	3.6	92	1.8	92	.011
17	92	78.26	62	72	92	83.8	92	3.5	92	1.4	92	.006
18	92	75.77	62	73	92	93.6	92	2.4	92	0.9	92	.008
19	92	73.93	62	72	92	96.5	92	2.0	92	0.8	92	.010
20	92	73.02	62	71	92	97.3	92	3.0	92	0.8	92	.016
21	92	72.37	62	70	92	97.6	92	2.2	92	0.7	92	.005
22	92	72.01	62	70	92	98.1	92	2.4	92	0.8	92	.006
23	92	71.73	62	70	92	98.0	92	1.9	92	0.8	92	.011
24	92	71.42	62	70	92	98.2	92	1.6	92	0.8	92	.010
	2214	73.16	1485	70	2218	88.5	2218	2.5	2218	1.2	2218	.010

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
JANUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	62	71.32	62	70	62	97.8	62	11.2	62	3.1	62	.002
2	62	71.06	62	69	62	98.3	62	11.3	62	3.2	62	.005
3	62	70.48	62	69	62	98.3	62	11.0	62	3.1	62	.002
4	62	70.43	62	69	62	98.3	62	11.0	62	3.3	62	.007
5	62	69.93	62	68	62	98.3	62	11.7	62	3.3	62	.006
6	62	69.81	62	68	62	98.4	62	11.3	62	3.1	62	.004
7	62	70.40	62	69	62	97.4	62	11.3	62	3.5	62	.004
8	62	73.38	62	70	62	92.0	62	11.4	62	3.2	62	.001
9	62	77.93	62	71	62	78.9	62	10.6	62	3.1	62	.005
10	62	80.60	62	69	62	71.2	62	10.4	62	4.2	62	.004
11	62	81.69	62	69	62	67.3	62	10.4	62	5.9	62	.001
12	62	82.57	62	68	62	65.8	62	10.9	62	6.2	62	0.000
13	62	82.29	62	69	62	67.2	62	10.9	62	6.6	62	.009
14	62	82.44	62	69	62	66.9	62	10.7	62	6.9	62	.001
15	62	81.59	62	69	62	68.8	62	11.3	62	7.5	62	.001
16	62	80.63	62	69	62	70.4	62	11.5	62	7.0	62	.003
17	62	78.84	62	70	62	76.7	62	11.6	62	6.6	62	.004
18	62	76.94	62	70	62	84.2	62	11.6	62	5.4	62	.011
19	62	75.50	62	72	62	89.7	62	10.8	62	4.4	62	.006
20	62	74.62	62	72	62	93.1	62	9.8	62	3.4	62	.003
21	62	73.61	62	72	62	95.3	62	10.7	62	3.2	62	.005
22	62	72.93	62	71	62	96.4	62	10.9	62	3.1	62	.001
23	62	72.19	62	71	62	97.1	62	11.1	62	3.1	62	.001
24	62	71.77	62	70	62	97.7	62	11.1	62	3.1	62	.003
	1488	75.54	1488	70	1488	86.1	1488	11.0	1488	4.4	1488	.004

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	57	70.34	57	70	57	98.6	57	11.3	57	3.2	57	.003
2	57	69.96	57	70	57	98.9	57	11.6	57	3.1	57	.002
3	57	69.31	57	70	57	98.9	57	11.5	57	3.0	57	.001
4	57	68.91	57	69	57	99.2	57	11.9	57	3.1	57	.003
5	57	68.61	57	69	57	99.0	57	11.4	57	3.1	57	.004
6	57	68.46	57	68	57	99.0	57	12.3	57	3.4	57	.002
7	57	69.74	57	69	57	97.1	57	12.2	57	3.5	57	.006
8	57	72.93	57	70	57	90.9	57	12.2	57	3.3	57	.003
9	57	78.34	57	69	57	76.1	57	11.6	57	3.4	57	.008
10	57	80.22	57	68	57	68.3	57	8.3	57	5.1	57	.002
11	57	81.92	57	67	57	63.7	57	8.4	57	6.1	57	.003
12	57	82.80	57	68	57	61.8	57	7.7	57	6.3	57	.006
13	57	82.84	57	68	57	62.6	57	7.6	57	7.1	57	.008
14	57	83.01	57	68	57	61.8	57	7.2	57	7.6	57	.000
15	57	82.35	57	68	57	63.2	57	8.1	57	7.7	57	.001
16	57	81.31	57	68	57	64.3	57	7.8	57	7.9	57	.000
17	57	79.34	57	68	57	70.3	57	8.4	57	7.5	57	.010
18	57	77.60	57	70	57	76.4	57	8.8	57	6.8	57	.001
19	57	75.83	57	71	57	86.8	57	9.0	57	5.2	57	.001
20	57	74.75	57	72	57	91.1	57	9.2	57	3.9	57	.000
21	57	73.48	57	72	57	95.5	57	9.5	57	3.3	57	.001
22	57	72.73	57	72	57	97.0	57	10.5	57	3.0	57	.001
23	57	71.78	57	72	57	98.3	57	10.7	57	3.1	57	.005
24	57	70.90	57	71	57	98.8	57	11.3	57	3.1	57	.000
	1368	75.31	1368	69	1368	84.1	1368	9.9	1368	4.7	1368	.003

MARCH

1	84	72.19	53	71	92	96.9	92	6.0	92	1.7	92	.001
2	84	71.61	54	70	92	97.0	92	6.2	92	1.5	92	.002
3	84	71.14	53	70	92	97.1	92	6.3	92	1.6	92	.001
4	82	70.89	52	69	92	97.2	92	6.3	92	1.7	92	.000
5	82	70.52	52	69	92	97.1	92	6.2	92	1.7	92	.003
6	82	70.35	52	69	92	97.1	92	6.3	92	1.7	92	.001
7	82	71.77	52	70	92	95.5	92	6.3	92	1.6	92	.000
8	84	75.62	54	76	92	89.2	92	5.9	92	1.6	92	.007
9	91	79.59	59	71	93	73.6	93	4.8	93	1.9	93	.002
10	91	81.49	60	69	93	66.3	93	5.0	93	3.1	93	.002
11	91	83.02	60	68	93	61.1	93	4.8	93	3.6	93	.002
12	92	83.53	61	67	93	60.3	93	4.6	93	3.9	93	.002
13	92	83.74	61	68	93	61.2	93	4.5	93	4.2	93	.003
14	93	83.84	61	68	93	61.1	93	4.7	93	4.5	93	.002
15	93	83.17	62	68	93	62.0	93	4.4	93	4.4	93	.001
16	93	81.86	62	68	93	65.3	93	4.4	93	4.4	93	.020
17	93	80.45	62	68	93	68.3	93	4.6	93	4.1	93	.002
18	92	78.90	60	69	93	75.1	93	5.1	93	3.6	93	.001
19	91	77.09	59	72	93	83.6	93	4.8	93	3.0	93	.003
20	91	75.87	59	73	93	89.0	93	4.6	93	2.5	93	.005
21	91	75.06	58	73	93	92.3	93	4.9	93	2.0	93	.001
22	90	74.29	58	72	93	94.0	93	5.1	93	1.9	93	.003
23	87	73.61	55	72	93	95.3	93	5.6	93	1.7	93	.000
24	86	73.03	54	72	93	96.7	93	5.7	93	1.5	93	.002
	2121	76.98	1373	70	2224	82.1	2224	5.3	2224	2.7	2224	.003

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	56	74.54	56	72	59	94.6	59	3.7	59	3.0	59	.003
2	57	74.22	57	72	59	95.2	59	3.6	59	2.9	59	.004
3	57	73.66	57	72	59	95.1	59	3.8	59	2.9	59	.012
4	57	73.50	57	72	59	95.2	59	4.0	59	2.7	59	.003
5	57	73.31	57	71	59	94.7	59	4.0	59	2.8	59	.003
6	57	73.27	57	70	59	93.9	59	4.2	59	3.0	59	.004
7	57	75.54	57	72	59	90.8	59	3.9	59	2.9	59	.002
8	57	78.80	57	73	59	84.9	59	3.9	59	3.1	59	.000
9	56	81.45	56	72	59	74.6	59	3.3	59	4.0	59	.000
10	57	82.33	57	71	60	70.2	60	3.7	60	5.4	60	.003
11	57	82.91	57	70	60	68.8	60	3.9	60	5.9	60	.010
12	57	82.82	57	70	60	67.7	60	3.6	60	6.7	60	.007
13	56	83.21	56	71	60	69.2	60	3.4	60	7.5	60	.001
14	55	82.76	55	71	60	71.3	60	3.8	60	7.0	60	.023
15	56	82.44	56	72	60	71.3	60	3.7	60	6.9	60	.015
16	56	81.62	56	72	60	74.4	60	4.4	60	6.8	60	.018
17	56	80.08	56	72	60	78.7	60	4.1	60	6.8	60	.007
18	56	78.72	56	73	60	83.4	60	3.8	60	6.2	60	.012
19	57	77.74	57	72	60	88.3	60	3.2	60	5.2	60	.010
20	58	77.41	58	73	60	90.0	60	3.1	60	4.3	60	.019
21	58	76.77	58	73	60	90.9	60	3.4	60	3.6	60	.005
22	58	76.66	58	73	60	91.8	60	2.9	60	3.1	60	.005
23	58	75.99	58	73	60	92.3	60	3.1	60	2.9	60	.014
24	59	75.41	58	72	61	92.5	61	3.5	61	2.8	61	.008
	1365	78.11	1364	72	1432	84.1	1432	3.7	1432	4.5	1432	.008
						MAY						
1	61	75.85	61	74	61	97.3	61	0.0	61	0.0	61	.000
2	59	75.62	59	74	59	97.6	59	0.0	59	0.0	59	.004
3	58	75.23	58	74	58	97.5	58	0.0	58	0.0	58	.009
4	60	74.92	60	74	60	97.9	60	0.0	60	0.0	60	.001
5	60	74.44	60	73	60	97.8	60	0.0	60	0.0	60	.001
6	60	74.62	60	73	60	97.5	60	0.0	60	0.0	60	.001
7	59	77.89	59	74	59	91.3	59	0.0	59	0.0	59	.004
8	51	80.78	51	75	51	83.6	51	0.0	51	0.0	51	.004
9	28	81.82	28	73	28	76.5	28	0.0	28	0.0	28	.000
10	25	83.51	25	72	25	68.7	25	0.0	25	0.2	25	0.000
11	40	84.77	40	73	40	69.2	40	0.0	40	0.1	40	.009
12	44	84.68	44	73	44	72.3	44	0.0	44	0.1	44	.035
13	38	83.51	38	73	38	73.5	38	0.0	38	0.1	38	.018
14	43	84.15	43	74	43	73.8	43	0.0	43	0.2	43	.028
15	42	83.72	42	74	42	75.9	42	0.1	42	0.2	42	.019
16	42	83.50	42	73	42	74.1	42	0.2	42	0.4	42	.020
17	35	81.46	35	74	35	79.0	35	0.2	35	0.3	35	.010
18	39	80.96	39	73	39	83.3	39	0.0	39	0.3	39	.002
19	43	80.28	43	73	43	87.5	43	0.0	43	0.2	43	.003
20	47	79.41	47	73	47	91.4	47	0.0	47	0.2	47	.016
21	50	78.49	50	73	50	94.1	50	0.1	50	0.1	50	.000
22	53	77.91	53	73	53	95.7	53	0.0	53	0.0	53	0.000
23	56	77.35	56	73	56	96.6	56	0.0	56	0.0	56	.006
24	56	76.81	56	73	56	97.8	56	0.0	56	0.0	56	.008
	1149	79.02	1149	73	1149	88.2	1149	0.0	1149	0.1	1149	.008

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	59	75.97	59	75	60	98.4	60	3.8	60	2.8	60	.001
2	59	75.54	59	75	60	98.6	60	3.6	60	2.7	60	.002
3	60	75.12	60	75	61	98.4	61	3.7	61	2.6	61	.005
4	59	74.94	59	74	60	98.0	60	3.8	60	2.8	60	.000
5	59	74.62	59	73	60	97.9	60	3.5	60	2.7	60	.000
6	59	74.87	59	74	60	98.2	60	3.4	60	2.4	60	.000
7	59	77.74	59	74	60	90.7	60	3.2	60	2.5	60	.000
8	58	81.10	58	74	59	81.2	59	3.9	59	3.6	59	0.000
9	60	83.21	59	73	60	72.8	60	3.6	60	6.1	60	.010
10	59	84.11	58	70	60	70.6	60	4.0	60	7.1	60	.007
11	59	84.47	59	71	60	66.9	60	4.4	60	7.8	60	.013
12	59	85.28	59	72	60	65.4	60	4.7	60	8.5	60	.005
13	59	85.46	59	72	60	66.0	60	4.5	60	8.9	60	.019
14	59	85.43	59	73	60	66.8	60	4.4	60	9.7	60	.010
15	59	85.16	59	72	60	67.4	60	4.4	60	9.8	60	.003
16	59	84.05	59	72	60	69.6	60	4.4	60	9.6	60	.018
17	59	82.73	59	72	60	74.6	60	4.6	60	8.0	60	.022
18	59	81.76	59	74	60	78.8	60	4.4	60	8.4	60	.003
19	59	80.14	59	76	60	87.1	60	4.2	60	7.2	60	.004
20	59	79.15	58	75	60	92.4	60	4.1	60	5.2	60	.001
21	59	78.16	59	76	60	94.8	60	3.8	60	4.6	60	.020
22	59	77.56	59	76	60	95.9	60	3.8	60	3.8	60	.006
23	59	77.00	59	76	60	96.9	60	3.8	60	3.2	60	.000
24	59	76.60	59	75	60	97.8	60	3.7	60	3.2	60	.000
	1417	80.00	1414	74	1440	84.4	1440	4.0	1440	5.5	1440	.006

JULY

1	62	75.09	62	74	62	98.1	62	3.4	62	1.7	62	.003
2	62	74.60	62	74	62	98.5	62	3.4	62	1.6	62	.002
3	62	74.33	62	74	62	98.4	62	3.3	62	1.4	62	.011
4	62	74.11	62	73	62	98.5	62	3.6	62	1.5	62	.010
5	62	73.63	62	73	62	98.3	62	3.5	62	1.7	62	.001
6	62	73.75	62	73	62	98.4	62	3.3	62	1.5	62	.004
7	62	77.12	62	74	62	92.3	62	3.6	62	1.6	62	.010
8	62	80.21	62	73	62	81.3	62	3.7	62	2.6	62	.004
9	62	81.76	62	73	62	77.1	62	3.3	62	5.4	62	.005
10	62	82.71	62	73	62	73.3	62	3.4	62	6.5	62	.018
11	62	83.37	62	73	62	72.5	62	3.5	62	7.3	62	.009
12	62	83.41	62	72	62	72.5	62	3.5	62	8.0	62	.019
13	62	83.26	61	72	62	71.2	62	3.5	62	8.3	62	.029
14	62	83.54	61	73	62	72.1	62	3.3	62	8.7	62	.022
15	62	82.83	62	73	62	73.5	62	3.2	62	8.5	62	.015
16	62	82.02	62	73	62	75.5	62	3.2	62	8.3	62	.005
17	62	80.73	62	73	62	79.1	62	3.2	62	7.8	62	.006
18	62	79.88	62	74	62	83.0	62	3.5	62	7.6	62	.004
19	62	78.59	62	75	62	89.4	62	3.2	62	6.6	62	.005
20	62	77.88	62	75	62	92.7	62	3.2	62	4.9	62	.005
21	62	77.10	62	75	62	95.8	62	3.0	62	3.5	62	.003
22	62	76.55	62	75	62	96.2	62	3.4	62	2.7	62	.014
23	62	75.73	62	74	62	97.4	62	3.4	62	2.1	62	.016
24	62	75.44	62	74	62	98.1	62	3.3	62	1.9	62	.016
	1488	78.65	1486	73	1488	86.8	1488	3.4	1488	4.7	1488	.010

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	61	75.72	61	75	61	98.2	61	3.7	61	2.1	61	.004
2	61	75.30	61	74	61	98.7	61	3.7	61	1.7	61	.007
3	61	74.86	61	74	61	98.4	61	4.1	61	1.9	61	.010
4	61	74.49	61	73	61	98.5	61	3.9	61	1.8	61	.006
5	61	74.29	61	73	61	98.3	61	4.0	61	1.9	61	.013
6	61	74.52	61	74	61	98.2	61	4.2	61	1.9	61	.007
7	61	77.56	61	76	61	94.7	61	4.4	61	1.9	61	.010
8	60	81.18	60	76	61	84.2	61	3.6	61	1.7	61	.001
9	61	83.78	61	75	61	75.9	61	4.7	61	3.4	61	.001
10	61	84.85	61	75	61	72.4	61	4.5	61	4.9	61	.001
11	61	85.51	60	74	61	71.2	61	5.0	61	5.7	61	.008
12	61	85.92	60	75	61	71.3	61	5.3	61	6.2	61	.014
13	61	85.49	60	75	61	73.2	61	5.8	61	6.5	61	.039
14	61	84.07	60	76	61	77.8	61	5.7	61	6.5	61	.024
15	61	84.39	60	75	61	75.8	61	5.6	61	6.2	61	.021
16	61	83.73	60	75	61	77.6	61	5.0	61	6.3	61	.036
17	61	82.54	60	75	61	81.2	61	4.8	61	6.1	61	.016
18	60	81.36	59	76	60	85.9	60	4.8	60	5.1	60	.007
19	62	79.70	62	77	62	91.4	62	4.7	62	4.5	62	.008
20	61	78.97	61	77	61	94.4	61	5.0	61	3.4	61	.012
21	61	78.17	61	77	61	95.4	61	4.9	61	3.0	61	.022
22	61	77.41	61	76	61	97.0	61	4.3	61	2.4	61	.001
23	61	76.88	61	74	61	97.7	61	3.6	61	1.8	61	.002
24	61	76.38	61	75	61	97.9	61	3.1	61	2.0	61	.005
	1463	79.88	1455	75	1464	87.7	1464	4.5	1464	3.7	1464	.011

SEPTEMBER

1	27	75.03	27	75	28	99.0	28	0.0	28	2.9	28	.007
2	29	75.10	29	75	30	98.5	30	0.0	30	2.8	30	.000
3	28	74.67	28	74	30	98.9	30	0.0	30	2.6	30	.002
4	28	74.35	28	74	30	99.1	30	0.0	30	2.7	30	.031
5	28	74.10	28	74	29	99.9	29	0.0	29	2.9	29	.041
6	28	73.89	28	74	29	99.7	29	0.0	29	3.0	29	.016
7	29	75.75	28	75	30	96.6	30	0.0	30	2.5	30	.010
8	30	79.16	29	75	30	86.2	30	0.0	30	2.5	30	.003
9	29	82.34	29	74	29	76.1	29	0.0	29	3.3	29	.006
10	30	84.26	30	73	30	69.4	30	0.0	30	4.3	30	.002
11	30	85.26	30	73	30	68.8	30	0.0	30	4.7	30	.009
12	30	84.96	30	74	30	70.8	30	0.0	30	4.9	30	.059
13	30	84.43	30	73	30	71.8	30	0.0	30	5.5	30	.034
14	30	84.10	30	74	30	73.1	30	0.0	30	5.8	30	.100
15	30	83.03	30	74	30	75.6	30	0.0	30	5.4	30	.056
16	30	82.03	30	75	30	79.5	30	0.0	30	5.3	30	.060
17	30	81.06	30	76	30	84.4	30	0.0	30	4.5	30	.006
18	29	79.44	29	76	30	90.2	30	0.0	30	4.3	30	.032
19	29	78.41	29	77	30	94.5	30	0.0	30	3.4	30	.001
20	28	77.57	28	76	29	95.8	29	0.0	29	3.2	29	.004
21	28	76.89	28	76	29	96.3	29	0.0	29	2.7	29	.003
22	28	76.46	28	76	29	98.4	29	0.0	29	2.6	29	.001
23	28	75.85	28	75	29	98.8	29	0.0	29	2.6	29	.001
24	28	75.42	28	75	29	98.8	29	0.0	29	2.7	29	.000
	694	79.00	692	75	710	88.3	710	0.0	710	3.6	710	.020

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	88	74.40	60	73	90	97.5	90	3.3	90	2.1	90	.002
2	88	74.14	60	73	90	97.7	90	3.4	90	2.1	90	.000
3	88	73.77	60	73	90	97.9	90	3.9	90	2.1	90	.000
4	89	73.57	61	73	91	98.2	91	4.2	91	2.1	91	.003
5	89	73.44	61	73	91	98.3	91	3.8	91	2.0	91	.001
6	89	73.40	61	73	91	98.1	91	3.8	91	2.0	91	.001
7	89	75.75	61	73	91	94.9	91	4.6	91	2.0	91	0.000
8	89	79.67	61	75	91	87.6	91	6.6	91	2.1	91	.000
9	90	83.10	62	74	91	79.2	91	7.7	91	2.9	91	.000
10	90	84.38	62	73	91	74.4	91	9.5	91	4.4	91	.005
11	89	85.36	62	71	90	72.3	90	9.1	90	5.1	90	.003
12	90	84.99	60	72	91	72.0	91	9.8	91	5.7	91	.034
13	90	84.58	60	73	92	74.2	92	9.7	92	5.7	92	.044
14	91	84.30	61	73	93	74.5	93	9.2	93	5.4	93	.009
15	91	83.55	61	73	93	76.0	93	10.7	93	6.1	93	.018
16	92	82.38	62	74	92	77.5	92	10.7	92	6.0	92	.009
17	92	81.03	62	74	92	82.5	92	10.1	92	5.5	92	.004
18	92	79.03	62	74	92	87.2	92	8.5	92	4.3	92	.003
19	92	77.82	62	75	93	92.0	93	6.7	93	3.2	93	.004
20	92	77.03	62	74	93	94.9	93	5.3	93	2.5	93	.000
21	92	76.24	62	74	93	96.5	93	4.5	93	2.3	93	.005
22	91	75.68	61	74	92	97.0	92	3.4	92	1.9	92	.004
23	91	75.15	61	74	92	97.2	92	3.1	92	2.0	92	.002
24	91	74.86	61	73	92	97.4	92	3.3	92	2.0	92	.005
	2165	78.67	1468	73	2197	88.1	2197	6.5	2197	3.4	2197	.007

NOVEMBER

1	90	73.55	58	72	90	97.6	90	5.1	90	2.5	90	.005
2	90	73.22	58	72	90	97.8	90	5.4	90	2.5	90	.004
3	90	72.79	58	72	90	97.9	90	4.6	90	2.5	90	.009
4	90	72.59	59	71	90	97.9	90	4.4	90	2.2	90	.002
5	90	72.50	57	71	91	98.0	91	4.9	91	2.3	91	.002
6	89	72.31	56	71	90	98.1	90	4.9	90	2.3	90	.000
7	89	74.35	56	73	90	96.2	90	5.3	90	2.3	90	.007
8	88	77.82	55	73	89	88.6	89	5.0	89	2.3	89	.004
9	90	81.67	60	73	90	77.1	90	3.1	90	2.6	90	.003
10	90	83.20	59	72	90	72.2	90	3.8	90	3.9	90	.007
11	90	84.00	58	72	90	70.8	90	4.1	90	4.8	90	.009
12	90	83.88	59	72	90	72.5	90	5.1	90	5.1	90	.002
13	90	83.67	59	73	90	72.6	90	6.2	90	5.6	90	.021
14	90	83.01	59	73	90	74.8	90	5.4	90	5.9	90	.031
15	90	81.93	59	73	90	76.9	90	5.5	90	5.8	90	.007
16	90	80.90	59	73	90	79.1	90	4.6	90	5.2	90	.020
17	90	79.17	60	73	90	84.1	90	5.0	90	4.7	90	.006
18	89	77.77	60	74	89	89.7	89	4.1	89	3.6	89	.012
19	90	76.58	60	74	90	93.3	90	3.9	90	2.9	90	.009
20	90	75.87	59	74	90	95.1	90	3.2	90	2.5	90	.004
21	90	75.25	59	74	90	96.1	90	3.9	90	2.3	90	.004
22	90	74.79	59	73	90	96.7	90	3.9	90	2.2	90	.000
23	90	74.21	59	73	90	97.4	90	3.9	90	2.2	90	.003
24	90	73.86	59	73	90	97.7	90	4.8	90	2.2	90	.010
	2155	77.46	1404	73	2159	88.3	2159	4.6	2159	3.4	2159	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

FORT BUCHANAN
DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	91	71.71	60	70	92	96.5	92	9.5	92	2.5	92	.013
2	92	71.41	61	70	93	97.4	93	8.0	93	2.5	93	.003
3	92	71.02	61	68	93	96.6	93	8.5	93	2.6	93	.007
4	91	71.07	61	70	92	97.4	92	9.1	92	2.6	92	.003
5	91	70.92	61	70	92	97.2	92	9.0	92	2.7	92	.003
6	91	70.76	61	70	92	97.1	92	8.9	92	2.8	92	.009
7	91	71.42	61	70	92	96.0	92	9.6	92	2.7	92	.006
8	91	73.92	61	71	92	93.0	92	9.0	92	2.7	92	.002
9	92	77.85	61	72	93	83.1	93	6.9	93	2.7	93	.002
10	91	80.22	61	71	92	76.4	92	4.9	92	3.7	92	.002
11	90	81.34	60	71	92	73.0	92	5.9	92	4.9	92	.006
12	90	81.78	60	70	92	70.3	92	7.0	92	5.4	92	.005
13	90	82.33	59	70	92	71.0	92	7.0	92	5.6	92	.002
14	90	81.84	60	71	92	72.0	92	7.4	92	5.6	92	.002
15	90	80.81	60	71	92	74.2	92	7.1	92	5.8	92	.007
16	90	79.77	60	71	92	77.0	92	6.9	92	5.4	92	.012
17	90	78.20	60	71	92	82.5	92	7.3	92	5.2	92	.011
18	90	76.40	60	72	92	88.4	92	6.5	92	4.2	92	.008
19	90	75.14	60	72	92	92.1	92	5.6	92	3.3	92	.012
20	90	74.47	60	72	92	94.6	92	4.6	92	2.8	92	.008
21	90	73.63	60	72	92	96.1	92	5.5	92	2.4	92	.007
22	90	72.97	60	71	92	97.1	92	6.8	92	2.3	92	.006
23	90	72.48	60	71	92	97.4	92	6.3	92	2.2	92	.007
24	91	72.00	61	71	92	97.6	92	8.5	92	2.4	92	.015
	2174	75.54	1449	71	2211	88.1	2211	7.3	2211	3.5	2211	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN
JANUARY

HOUR		TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	93	71.43	93	67	93	87.9	93	3.4	93	4.7	93	.009
2	93	70.91	93	67	93	89.0	93	3.6	93	4.5	93	.003
3	93	70.40	93	67	93	89.9	93	3.5	93	4.0	93	.002
4	92	70.15	92	66	92	90.4	92	3.8	92	4.1	92	.006
5	93	69.66	93	66	93	90.8	93	4.0	93	4.4	93	.008
6	93	69.47	93	66	93	90.8	93	4.0	93	4.5	93	.006
7	93	69.47	93	66	93	91.0	93	3.7	93	4.1	93	.005
8	93	70.75	93	67	93	89.3	93	3.9	93	3.9	93	.001
9	93	75.63	93	68	93	79.6	93	3.7	93	4.9	93	.004
10	93	78.65	93	69	93	73.2	93	4.2	93	8.3	93	.005
11	93	79.74	93	69	93	70.3	93	3.9	93	10.0	93	.006
12	93	80.69	93	69	93	68.6	93	3.8	93	10.7	93	.007
13	93	81.00	93	69	93	68.0	93	3.3	93	12.0	93	.002
14	93	81.32	93	69	93	67.0	93	3.4	93	12.0	93	.001
15	94	80.98	94	69	94	68.8	94	4.1	94	11.6	94	.011
16	93	80.58	93	69	93	69.4	93	3.5	93	11.3	93	.001
17	92	79.86	92	69	93	71.4	93	3.5	93	10.6	93	.000
18	93	78.13	93	69	93	75.0	93	3.7	93	8.8	93	.005
19	93	76.24	93	69	93	78.7	93	4.1	93	7.3	93	.003
20	93	75.22	93	68	93	80.6	93	4.3	93	6.6	93	.006
21	93	74.03	93	68	93	83.3	93	4.0	93	5.7	93	.002
22	93	73.01	93	68	93	85.5	93	4.2	93	5.5	93	.002
23	92	72.28	92	67	92	86.6	92	3.5	92	4.6	92	.010
24	93	71.69	93	67	93	87.8	93	3.3	93	4.3	93	.004
	2230	75.06	2230	68	2231	80.5	2231	3.8	2231	7.0	2231	.005

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN

FEBRUARY

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	85	71.16	85	66	85	86.2	85	4.2	85	4.6	85	.003
2	85	70.80	85	66	85	86.4	85	4.1	85	4.6	85	.001
3	85	70.12	85	66	85	87.7	85	3.8	85	4.7	85	.003
4	85	69.81	85	66	85	88.0	85	3.9	85	4.4	85	.001
5	85	69.58	85	66	85	88.1	85	3.5	85	4.2	85	.001
6	85	69.54	85	65	85	88.1	85	4.1	85	4.7	85	.001
7	85	69.26	85	65	85	88.5	85	4.2	85	4.8	85	.005
8	85	71.20	85	66	85	86.2	85	4.4	85	4.8	85	.002
9	85	75.88	85	67	85	76.7	85	3.5	85	6.2	85	.001
10	85	78.84	85	67	85	69.6	85	3.9	85	9.6	85	.003
11	85	80.13	85	67	85	66.2	85	4.2	85	11.0	85	.016
12	85	80.87	85	67	85	63.6	85	4.0	85	12.3	85	.001
13	85	81.29	85	67	85	64.7	85	3.7	85	12.8	85	.003
14	85	81.71	85	68	85	62.9	85	3.4	85	13.4	85	.003
15	85	81.42	85	68	85	64.8	85	3.2	85	13.1	85	.000
16	85	81.20	85	68	85	65.4	85	3.4	85	12.6	85	.000
17	85	80.46	85	68	85	65.8	85	3.6	85	11.7	85	0.000
18	85	78.90	85	67	85	69.7	85	3.8	85	10.0	85	.000
19	85	77.02	85	67	85	73.9	85	4.2	85	8.4	85	0.000
20	85	75.69	85	67	85	76.2	85	4.2	85	7.2	85	.000
21	85	74.29	85	67	85	80.0	85	4.3	85	6.6	85	.008
22	85	73.42	85	67	85	81.2	85	4.1	85	6.1	85	.002
23	85	72.66	85	67	85	83.1	85	3.9	85	5.7	85	.002
24	85	71.83	85	67	85	84.8	85	4.0	85	5.1	85	.005
	2040	75.29	2040	67	2040	77.0	2040	3.9	2040	7.9	2040	.003

MARCH

1	93	71.64	93	67	93	85.5	93	3.9	93	4.1	93	.002
2	93	71.10	93	66	93	86.1	93	4.1	93	4.3	93	.004
3	93	70.68	93	66	93	87.4	93	3.6	93	4.1	93	.003
4	93	70.30	93	66	93	88.2	93	3.8	93	4.1	93	.001
5	93	70.02	93	66	93	88.2	93	4.3	93	4.1	93	.003
6	93	69.98	93	66	93	88.7	93	4.2	93	4.2	93	.000
7	93	69.89	93	66	93	88.1	93	3.3	93	4.0	93	.001
8	93	72.76	93	67	93	83.6	93	4.6	93	4.6	93	.002
9	93	77.86	93	66	93	71.2	93	3.8	93	7.3	93	.002
10	93	80.18	93	67	93	65.8	93	3.9	93	9.7	93	.001
11	93	81.53	93	67	93	62.9	93	4.0	93	11.6	93	.001
12	93	82.31	93	67	93	61.3	93	3.9	93	12.8	93	.000
13	93	82.63	93	67	93	61.5	93	3.8	93	13.5	93	.001
14	93	83.20	93	67	93	59.7	93	3.6	93	13.8	93	.000
15	93	82.66	93	68	93	62.4	93	3.7	93	13.1	93	.006
16	93	82.27	93	67	93	61.8	93	3.7	93	12.7	93	.007
17	93	81.50	93	67	93	63.2	93	3.8	93	11.9	93	.008
18	93	79.78	93	66	93	66.6	93	4.2	93	10.5	93	.002
19	93	77.71	93	67	93	71.8	93	4.4	93	8.5	93	.000
20	93	76.27	93	67	93	75.6	93	4.7	93	7.7	93	.009
21	93	74.99	93	67	93	78.6	93	4.9	93	6.6	93	.002
22	93	74.24	93	67	93	80.9	93	4.5	93	6.0	93	.002
23	93	73.04	93	67	93	82.7	93	4.3	93	5.1	93	.002
24	93	72.51	93	67	93	83.8	93	4.0	93	4.9	93	.000
	2232	76.21	2232	67	2232	75.2	2232	4.0	2232	7.9	2232	.002

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN
APRIL

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	73.67	60	69	60	84.9	60	3.9	60	4.2	60	.000
2	60	73.20	60	69	60	86.3	60	3.7	60	4.3	60	.015
3	60	72.71	60	68	60	86.9	60	3.4	60	3.6	60	.010
4	60	72.14	60	68	60	88.2	60	3.7	60	3.7	60	.010
5	60	72.02	60	68	60	88.4	60	3.9	60	3.3	60	.003
6	60	71.89	60	68	60	89.2	60	2.7	60	2.5	60	.005
7	60	72.35	60	68	60	88.3	60	3.2	60	3.2	60	.001
8	60	75.54	60	70	60	82.4	60	4.2	60	4.2	60	.001
9	59	79.71	59	70	59	71.6	59	5.1	59	7.9	59	.001
10	60	81.00	60	69	60	66.8	60	4.7	60	9.8	60	.003
11	60	82.06	60	69	60	66.3	60	3.9	60	10.8	60	.012
12	60	82.42	60	70	60	66.0	60	3.9	60	11.6	60	.010
13	60	82.63	60	70	60	66.0	60	3.5	60	12.0	60	.021
14	60	82.54	60	70	60	66.1	60	3.9	60	12.3	60	.019
15	60	82.25	60	70	60	67.8	60	3.6	60	11.6	60	.006
16	60	81.91	60	70	60	67.7	60	4.2	60	10.9	60	.003
17	60	81.18	60	69	60	68.2	60	4.9	60	10.0	60	.003
18	60	80.16	60	69	60	70.3	60	4.7	60	9.3	60	.002
19	60	78.34	60	70	60	76.1	60	4.9	60	7.9	60	.003
20	60	77.11	60	70	60	78.4	60	4.8	60	7.2	60	.007
21	60	76.23	60	69	60	80.9	60	4.4	60	5.7	60	.025
22	60	75.59	60	69	60	82.3	60	4.5	60	5.5	60	.023
23	60	75.02	60	69	60	83.5	60	4.4	60	4.9	60	.004
24	60	74.57	60	69	60	84.2	60	3.7	60	4.1	60	.003
	1439	77.34	1439	69	1439	77.4	1439	4.1	1439	7.1	1439	.008
						MAY						
1	62	74.14	62	70	62	86.6	62	5.2	62	4.7	62	.011
2	62	73.77	62	69	62	87.0	62	5.4	62	4.7	62	.015
3	62	73.40	62	69	62	88.2	62	5.7	62	4.7	62	.008
4	62	72.81	62	69	62	89.0	62	5.0	62	5.3	62	.005
5	62	72.43	62	69	62	89.5	62	5.0	62	4.2	62	.006
6	62	72.30	62	69	62	90.0	62	4.0	62	3.4	62	.000
7	62	73.55	62	69	62	88.1	62	4.8	62	4.0	62	.002
8	62	76.89	62	70	62	81.3	62	5.0	62	5.8	62	.001
9	62	80.30	62	70	62	71.4	62	5.7	62	8.7	62	.002
10	62	81.81	62	69	62	68.4	62	5.1	62	10.0	62	.011
11	62	82.39	62	70	62	66.6	62	4.5	62	10.7	62	.021
12	62	82.72	62	69	62	67.5	62	4.5	62	11.2	62	.005
13	62	83.28	62	70	62	65.5	62	3.5	62	11.4	62	.009
14	62	83.15	62	71	62	66.2	62	3.4	62	11.9	62	.011
15	62	82.33	62	70	62	68.3	62	4.0	62	11.7	62	.053
16	62	82.01	62	70	62	68.7	62	4.4	62	10.8	62	.029
17	62	81.18	62	70	62	69.8	62	4.3	62	10.0	62	.007
18	62	80.44	62	70	62	72.5	62	4.3	62	9.1	62	.001
19	62	78.86	62	69	62	75.4	62	4.2	62	7.8	62	.000
20	62	77.39	62	70	62	79.2	62	4.7	62	6.6	62	.002
21	62	76.34	62	70	62	81.7	62	4.4	62	6.3	62	.000
22	62	75.86	62	70	62	83.0	62	4.7	62	5.9	62	.002
23	62	75.23	62	70	62	83.8	62	5.4	62	5.6	62	.003
24	62	74.77	62	70	62	85.7	62	5.1		5.0	62	.005
	1488	77.81	1488	70	1488	78.1	1488	4.7	14.	7.5	1488	.009

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN

JUNE

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	60	76.14	60	71	60	86.1	60	4.7	60	4.8	60	.008
2	60	75.99	60	71	60	87.1	60	4.6	60	4.7	60	.000
3	59	74.96	60	71	60	88.4	60	4.3	60	4.2	60	.012
4	60	74.58	60	71	60	89.3	60	4.2	60	3.9	60	.001
5	60	74.26	60	71	60	89.4	60	4.6	60	4.0	60	.001
6	60	73.97	60	71	60	90.2	60	4.5	60	4.0	60	.000
7	60	75.51	60	72	60	88.3	60	4.8	60	4.0	60	.001
8	60	79.25	60	72	60	81.4	60	4.6	60	5.7	60	.004
9	60	82.61	60	72	60	70.9	60	4.2	60	9.4	60	.010
10	60	83.64	60	72	60	67.3	60	4.5	60	10.6	60	.005
11	60	84.93	60	72	60	65.1	60	4.1	60	12.0	60	.001
12	60	85.55	60	71	60	63.7	60	4.3	60	12.7	60	.008
13	60	85.79	60	72	60	63.7	60	4.4	60	12.6	60	.014
14	60	86.10	60	71	60	63.4	60	3.9	60	12.7	60	.002
15	60	85.42	60	71	60	64.5	60	4.0	60	12.4	60	.008
16	60	84.75	60	71	60	65.5	60	4.1	60	11.6	60	.006
17	60	84.04	60	71	60	66.7	60	4.3	60	10.9	60	.009
18	60	82.92	60	72	60	70.1	60	4.4	60	10.1	60	.004
19	60	81.43	60	72	60	73.1	60	4.3	60	8.8	60	.003
20	60	79.98	60	72	60	77.4	60	4.4	60	7.9	60	.006
21	60	78.48	60	72	60	81.6	60	4.7	60	7.0	60	.011
22	60	77.78	60	72	60	83.1	60	4.8	60	6.5	60	.018
23	60	77.34	60	72	60	84.1	60	4.2	60	5.6	60	.004
24	60	76.79	60	72	60	85.2	60	4.6	60	5.4	60	.002
	1439	80.09	1440	71	1440	76.9	1440	4.4	1440	8.0	1440	.006

JULY

1	61	76.98	61	72	61	85.8	61	4.8	61	5.7	61	.013
2	62	76.45	62	72	62	86.4	62	4.9	62	5.5	62	.006
3	62	75.86	62	72	62	87.6	62	4.7	62	4.9	62	.003
4	62	75.67	62	72	62	88.2	62	4.5	62	5.0	62	.004
5	61	75.31	61	71	61	88.6	61	4.5	61	4.6	61	.003
6	62	74.89	62	71	62	89.3	62	4.8	62	4.4	62	.005
7	62	75.77	62	72	62	87.3	62	4.3	62	4.4	62	.005
8	62	78.95	62	73	62	81.3	62	4.1	62	6.4	62	.005
9	62	82.09	62	72	62	72.9	62	3.9	62	9.6	62	.004
10	63	83.90	63	72	63	69.2	63	3.7	63	11.2	63	.006
11	62	84.78	62	72	62	67.2	62	3.5	62	12.1	62	.008
12	62	85.15	62	73	62	66.3	62	3.4	62	13.2	62	.005
13	62	85.71	62	72	62	65.5	62	3.5	62	13.5	62	.000
14	62	85.89	62	72	62	64.8	62	3.6	62	13.2	62	.000
15	62	85.41	62	72	62	65.9	62	3.7	62	13.4	62	.003
16	62	85.09	62	72	62	66.5	62	3.4	62	12.2	62	.001
17	62	84.15	62	72	62	68.5	62	3.3	62	11.6	62	.008
18	62	83.23	62	72	62	70.2	62	3.5	62	10.7	62	.003
19	62	81.82	62	72	62	73.8	62	3.6	62	9.0	62	.001
20	62	80.49	62	73	62	76.9	62	3.9	62	8.3	62	.006
21	62	79.29	62	73	62	80.1	62	4.1	62	7.2	62	.002
22	62	78.83	62	73	62	82.1	62	3.8	62	6.4	62	.004
23	62	78.21	62	72	62	82.9	62	4.7	62	6.2	62	.004
24	62	77.60	62	72	62	84.7	62	4.2	62	5.6	62	.016
	1487	80.49	1487	72	1487	77.1	1487	4.0	1487	8.5	1487	.005

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN
AUGUST

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	30	76.61	30	73	30	87.7	30	5.8	30	5.8	30	.015
2	30	76.36	30	73	30	88.2	30	5.7	30	6.4	30	.003
3	30	76.13	30	72	30	87.9	30	5.9	30	6.5	30	.012
4	30	75.67	30	72	30	88.8	30	5.8	30	5.9	30	.022
5	30	75.31	30	72	30	89.6	30	6.2	30	6.0	30	.019
6	30	75.16	30	72	30	89.0	30	5.7	30	5.5	30	.022
7	30	75.63	30	72	30	88.1	30	5.2	30	5.4	30	.012
8	30	78.39	30	73	30	83.6	30	4.8	30	7.6	30	.037
9	30	81.96	30	73	30	75.3	30	4.6	30	9.9	30	.004
10	30	83.76	30	73	30	69.6	30	4.0	30	11.3	30	.007
11	30	84.57	30	73	30	68.8	30	3.5	30	11.7	30	.008
12	30	85.39	30	72	30	66.2	30	3.4	30	12.6	30	.003
13	29	85.97	29	73	29	66.0	29	3.3	29	13.0	29	.003
14	30	85.54	30	73	30	67.1	30	3.3	30	13.7	30	.001
15	30	85.27	30	73	30	67.1	30	3.1	30	13.1	30	.000
16	30	84.68	30	73	30	69.1	30	3.5	30	12.5	30	.000
17	30	83.93	30	73	30	70.3	30	3.7	30	12.4	30	.002
18	31	83.01	31	73	31	73.0	31	3.6	31	10.5	31	.005
19	30	81.13	30	73	30	77.3	30	4.3	30	9.2	30	.017
20	30	79.86	30	73	30	79.6	30	4.2	30	8.2	30	.007
21	30	79.13	30	73	30	81.6	30	4.6	30	8.3	30	.008
22	30	78.33	30	73	30	83.8	30	4.5	30	7.2	30	.016
23	30	77.70	30	73	30	84.8	30	5.0	30	7.2	30	.015
24	30	77.45	30	73	30	85.6	30	5.0	30	6.9	30	.024
	720	80.28	720	73	720	78.7	720	4.5	720	9.0	720	.011

SEPTEMBER

1	60	76.10	60	72	60	88.1	60	4.6	60	4.3	60	.004
2	60	75.54	60	72	60	89.2	60	4.5	60	3.9	60	.003
3	60	75.13	60	71	60	89.9	60	4.7	60	3.5	60	.001
4	60	74.82	60	71	60	90.1	60	5.0	60	3.7	60	.001
5	60	74.45	60	71	60	90.2	60	4.2	60	3.4	60	.003
6	61	74.38	61	71	61	90.4	61	5.2	61	4.1	61	.007
7	60	74.67	60	71	60	90.8	60	4.9	60	3.4	60	.007
8	60	78.28	60	72	60	83.0	60	5.1	60	4.9	60	.011
9	59	82.42	59	73	59	72.7	59	4.7	59	6.9	59	.005
10	60	84.39	60	72	60	67.4	60	5.2	60	8.9	60	.008
11	60	85.14	60	72	60	66.3	60	4.7	60	9.9	60	.020
12	60	85.44	60	72	60	67.1	60	4.2	60	11.1	60	.006
13	60	85.07	60	73	60	68.2	60	4.8	60	10.8	60	.058
14	60	84.95	60	72	60	67.1	60	5.0	60	10.8	60	.018
15	60	84.91	60	72	60	67.8	60	4.8	60	11.3	60	.008
16	60	84.52	60	72	60	68.1	60	4.8	60	10.1	60	.020
17	60	83.48	60	72	60	70.2	60	4.9	60	9.4	60	.004
18	60	82.28	60	72	60	74.0	60	5.2	60	8.1	60	.003
19	60	80.64	60	73	60	77.7	60	5.3	60	7.4	60	.006
20	60	79.73	60	72	60	79.9	60	5.0	60	6.3	60	.005
21	60	78.40	60	72	60	82.4	60	4.4	60	4.8	60	.001
22	60	77.74	60	72	60	84.2	60	5.0	60	4.5	60	.000
23	60	77.13	60	72	60	85.9	60	4.8	60	4.6	60	.002
24	60	76.51	60	72	60	87.7	60	4.8	60	4.5	60	.000
	1440	79.83	1440	72	1440	79.1	1440	4.8	1440	6.7	1440	.008

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN
OCTOBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	92	75.43	92	72	92	89.0	92	4.4	92	3.8	92	.003
2	93	75.21	93	71	93	89.0	93	4.3	93	3.4	93	.001
3	93	74.71	93	71	93	89.4	93	3.5	93	2.9	93	.000
4	93	74.16	93	71	93	91.1	93	3.4	93	2.6	93	.004
5	93	73.98	93	71	93	90.2	93	3.5	93	3.0	93	.003
6	93	73.96	93	71	93	90.3	93	3.6	93	3.0	93	.000
7	93	74.16	93	71	93	90.8	93	3.8	93	2.9	93	.004
8	93	77.79	93	72	93	84.5	93	4.5	93	3.9	93	.001
9	93	81.83	91	72	93	74.3	93	4.3	93	6.4	93	.007
10	93	84.03	93	72	93	68.8	93	4.7	93	8.4	93	.003
11	93	84.89	93	72	93	66.8	93	4.6	93	9.7	93	.004
12	92	85.34	93	72	93	65.7	93	4.4	93	10.2	93	.023
13	93	85.41	93	72	93	66.0	93	4.3	93	10.9	93	.025
14	92	85.13	92	71	92	65.7	92	4.7	92	11.0	92	.022
15	93	84.70	93	72	93	67.1	93	4.2	93	10.1	93	.006
16	94	84.04	94	72	94	68.6	94	4.4	94	9.8	94	.014
17	93	82.87	93	72	93	71.5	93	4.7	93	9.1	93	.026
18	93	81.12	93	72	93	75.3	93	5.2	93	7.3	93	.011
19	93	79.47	93	72	93	79.9	93	5.3	93	6.4	93	.009
20	93	78.56	93	72	93	82.1	93	5.1	93	5.5	93	.004
21	93	77.61	93	72	93	84.4	93	4.7	93	4.9	93	.006
22	93	76.88	93	72	93	86.1	93	4.6	93	4.4	93	.009
23	93	76.29	93	72	93	87.1	93	4.1	93	3.5	93	.005
24	92	76.09	92	72	92	87.4	92	4.3	92	3.8	92	.003
	2229	79.32	2228	72	2230	79.6	2230	4.4	2230	6.1	2230	.008

NOVEMBER

1	89	74.19	89	70	90	89.2	90	4.3	90	3.8	90	.007
2	89	73.65	89	70	90	89.8	90	4.4	90	3.5	90	.002
3	89	73.15	89	70	90	90.5	90	4.4	90	3.5	90	.007
4	89	73.01	89	69	90	90.7	90	4.5	90	3.9	90	.003
5	89	72.78	89	70	90	91.4	90	4.6	90	3.5	90	.007
6	89	72.52	89	69	90	91.3	90	4.0	90	3.2	90	.005
7	89	72.49	89	70	90	91.8	90	3.5	90	3.1	90	.007
8	90	75.31	90	71	90	87.0	90	4.8	90	3.9	90	.004
9	90	80.08	90	72	90	76.6	90	4.7	90	5.4	90	.002
10	90	82.27	90	71	90	70.4	90	4.6	90	8.0	90	.002
11	90	83.12	90	71	90	67.3	90	4.7	90	9.0	90	.004
12	90	83.61	90	71	90	66.7	90	4.2	90	9.9	90	.015
13	90	83.68	90	71	90	66.9	90	4.5	90	10.6	90	.013
14	90	83.79	90	71	90	67.0	90	4.5	90	10.2	90	.009
15	89	83.01	89	71	89	68.2	89	4.3	89	9.8	89	.009
16	90	82.49	90	71	90	69.5	90	4.5	90	9.6	90	.007
17	90	81.37	90	71	90	72.0	90	4.5	90	8.6	90	.005
18	90	79.77	90	71	90	75.3	90	4.9	90	6.9	90	.001
19	90	78.31	90	71	90	79.1	90	4.9	90	6.1	90	.003
20	90	77.29	90	71	90	81.7	90	5.0	90	5.7	90	.005
21	90	76.24	90	71	90	84.0	90	4.5	90	4.8	90	.007
22	90	75.72	90	70	90	85.0	90	4.6	90	4.6	90	.002
23	90	75.34	89	71	90	86.3	90	4.3	90	4.1	90	.000
24	90	74.58	90	70	91	87.8	91	4.3	91	3.9	91	.007
	2152	77.84	2151	70	2160	80.2	2160	4.5	2160	6.1	2160	.006

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SAN JUAN

DECEMBER

HOUR	TEMPERATURE		DEW POINT		RELATIVE HUMIDITY		WIND DIRECTION*		WIND VELOCITY		RAINFALL	
1	93	72.65	93	68	93	87.4	93	4.1	93	4.3	93	.011
2	93	72.23	93	68	93	88.5	93	4.0	93	4.4	93	.021
3	93	71.90	93	68	93	88.8	93	4.4	93	4.4	93	.003
4	93	71.78	93	68	93	88.7	93	3.9	93	4.4	93	.003
5	93	71.51	93	67	93	88.2	93	4.0	93	4.4	93	.003
6	94	71.24	94	67	94	88.9	94	4.1	94	4.5	94	.010
7	93	71.22	93	67	93	89.1	93	4.0	93	4.2	93	.007
8	93	72.70	93	68	93	87.4	93	4.5	93	4.9	93	.007
9	92	77.20	92	69	92	78.0	92	4.7	92	5.7	92	.001
10	93	79.65	93	69	93	72.8	93	4.4	93	7.9	93	.007
11	93	80.61	93	69	93	69.2	93	4.3	93	9.6	93	.008
12	93	81.63	93	70	93	67.8	93	4.2	93	10.7	93	.003
13	93	82.02	93	69	93	66.5	93	4.2	93	10.8	93	.002
14	93	82.06	93	69	93	66.8	93	4.4	93	10.6	93	.002
15	93	81.55	93	70	93	68.0	93	4.0	93	10.5	93	.003
16	93	81.04	93	70	93	69.4	93	4.2	93	9.8	93	.011
17	93	79.92	93	70	93	72.1	93	4.3	93	9.2	93	.012
18	93	78.35	93	70	93	75.6	93	4.6	93	7.7	93	.006
19	93	76.77	93	70	93	79.5	93	4.9	93	7.0	93	.004
20	93	75.91	92	69	93	80.7	93	4.5	93	6.6	93	.024
21	93	74.93	93	69	93	83.7	93	4.7	93	5.6	93	.004
22	92	74.19	92	69	92	85.0	92	4.8	92	5.1	92	.003
23	94	73.64	94	69	94	86.0	94	4.6	94	4.6	94	.004
24	93	73.16	93	69	93	87.0	93	4.5	93	4.7	93	.006
	2232	76.16	2231	69	2232	79.8	2232	4.3	2232	6.7	2232	.007

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8
JANUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	90 67.63		90 78.2			
2	92 67.52		92 78.0			
3	92 67.43		92 78.4			
4	91 67.39		91 78.1			
5	91 67.43		91 78.4			
6	91 67.36		91 77.8			
7	89 68.12		89 77.1			
8	88 69.07		88 74.3			
9	90 71.30		90 71.5			
10	89 71.94		89 67.0			
11	89 73.42		89 66.0			
12	87 73.67		87 63.1			
13	90 74.65		90 64.1			
14	89 74.17		89 64.5			
15	90 73.62		89 66.5			
16	90 72.18		89 69.3			
17	91 70.78		91 73.0			
18	92 69.52		92 74.9			
19	91 68.68		91 76.6			
20	92 68.25		92 76.7			
21	92 68.06		92 77.3			
22	93 68.00		93 77.5			
23	92 67.92		92 78.0			
24	88 67.47		88 78.0			
	2169 69.79		2167 73.6			

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8

FEBRUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	51	70.27	51	78.9		
2	54	69.70	54	79.8		
3	52	69.69	51	81.0		
4	54	69.27	53	81.1		
5	54	69.05	53	82.3		
6	55	69.12	54	81.3		
7	54	70.35	54	79.9		
8	54	70.92	54	76.2		
9	53	74.18	53	71.5		
10	54	74.90	54	67.4		
11	56	75.64	56	66.6		
12	56	76.21	56	65.6		
13	56	76.07	55	66.5		
14	57	76.10	56	66.5		
15	56	75.57	55	69.4		
16	56	73.91	55	71.9		
17	56	72.89	55	77.1		
18	56	70.46	54	79.7		
19	56	69.92	55	81.2		
20	56	69.60	56	80.5		
21	56	69.73	56	80.4		
22	56	69.67	56	80.6		
23	55	69.69	55	80.1		
24	55	69.60	55	79.8		
	1318	71.80	1306	76.0		

MARCH

1	56	68.37	56	81.2		
2	56	68.25	56	81.9		
3	56	67.26	56	82.0		
4	56	68.00	56	81.8		
5	56	67.60	56	82.0		
6	57	68.38	57	79.7		
7	56	70.00	56	77.0		
8	56	71.82	56	70.4		
9	56	75.00	56	66.6		
10	56	75.64	56	62.8		
11	56	76.82	56	60.7		
12	55	77.45	55	59.8		
13	55	78.12	54	57.6		
14	55	77.52	53	60.3		
15	55	76.52	51	62.9		
16	54	75.01	49	65.3		
17	55	74.05	53	71.7		
18	55	70.09	54	76.1		
19	53	70.13	53	79.4		
20	55	69.27	55	79.0		
21	54	69.12	54	79.7		
22	55	69.05	55	80.1		
23	56	68.91	56	80.4		
24	55	68.67	54	80.7		
	1329	71.69	1313	73.4		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8

APRIL

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	59	69.37	59	82.7		
2	59	69.20	59	82.8		
3	60	69.11	60	82.6		
4	59	69.05	59	82.6		
5	59	69.32	59	82.6		
6	58	69.84	58	80.1		
7	59	73.11	59	76.4		
8	59	74.47	59	70.2		
9	59	76.59	59	65.7		
10	59	81.06	59	62.8		
11	59	78.64	59	64.5		
12	59	78.35	59	62.6		
13	59	78.83	58	63.0		
14	59	77.32	58	63.8		
15	59	77.10	58	66.8		
16	59	75.61	56	69.1		
17	59	74.64	56	76.1		
18	59	71.84	58	79.3		
19	59	70.83	59	81.0		
20	60	70.23	60	81.4		
21	60	70.35	60	81.6		
22	57	69.84	57	81.2		
23	59	69.77	59	82.0		
24	59	69.86	59	82.3		
	1416	73.10	1406	75.2		

MAY

1	64	70.85	65	82.0		
2	64	70.82	65	81.8		
3	64	70.70	65	82.5		
4	65	70.61	66	82.3		
5	64	70.87	65	81.9		
6	64	71.21	64	80.8		
7	64	73.78	64	77.6		
8	62	74.80	62	73.1		
9	65	76.90	65	70.6		
10	64	78.14	64	65.9		
11	62	79.29	62	66.0		
12	62	79.29	62	65.3		
13	65	79.09	63	66.7		
14	66	78.36	64	66.2		
15	66	77.87	64	69.2		
16	67	76.50	66	69.8		
17	67	75.79	66	75.8		
18	68	73.57	67	78.5		
19	68	72.66	67	80.0		
20	67	71.74	66	80.7		
21	67	71.52	66	81.0		
22	67	71.46	66	80.8		
23	67	71.31	66	81.3		
24	66	71.06	65	81.6		
	1565	74.07	1555	76.0		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8

JUNE

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	101 71.82		101 81.7			
2	101 84.45		101 81.8			
3	100 71.64		100 81.9			
4	101 71.72		101 81.4			
5	100 72.15		100 80.9			
6	101 73.02		101 77.8			
7	100 73.18		100 74.0			
8	101 76.05		101 70.2			
9	98 78.21		98 68.1			
10	96 78.69		96 65.3			
11	102 79.73		102 64.9			
12	102 79.83		102 63.5			
13	101 79.81		101 64.6			
14	99 78.87		98 66.1			
15	99 78.66		98 69.6			
16	102 77.08		101 71.0			
17	102 76.19		101 75.4			
18	101 74.32		102 78.0			
19	101 73.46		103 79.6			
20	100 72.82		102 79.9			
21	99 72.58		101 80.6			
22	101 72.31		101 80.9			
23	102 72.27		101 81.4			
24	102 72.03		101 82.1			
	2412 75.53		2413 76.0			

JULY

1	83 73.25		73 83.0			
2	85 73.04		76 83.7			
3	85 72.96		77 83.9			
4	85 72.85		77 83.5			
5	86 72.95		77 83.8			
6	85 73.29		76 82.2			
7	86 75.51		74 79.4			
8	84 76.39		73 74.2			
9	85 78.70		73 71.1			
10	87 79.50		75 67.0			
11	86 80.46		75 65.5			
12	86 80.93		75 63.8			
13	85 80.97		73 65.7			
14	87 79.93		74 66.1			
15	84 79.66		72 69.4			
16	84 78.25		68 71.0			
17	86 77.24		70 76.7			
18	85 75.56		72 78.7			
19	86 74.84		76 81.0			
20	85 74.24		74 82.0			
21	83 73.83		73 82.3			
22	85 73.85		74 82.4			
23	84 73.70		74 82.8			
24	76 73.68		66 82.2			
	2033 76.09		1767 76.8			

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8

AUGUST

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	84	74.21	84	80.3		
2	83	73.67	83	81.0		
3	86	73.55	86	81.2		
4	84	73.20	84	81.8		
5	85	73.11	85	82.4		
6	85	73.37	85	81.4		
7	85	75.55	85	79.2		
8	85	76.61	85	73.5		
9	85	78.89	83	70.0		
10	85	79.20	83	67.0		
11	85	80.29	83	64.8		
12	84	80.60	83	63.2		
13	83	81.36	76	64.4		
14	81	80.53	72	64.3		
15	82	80.13	76	67.0		
16	84	78.78	74	68.9		
17	84	77.48	76	74.7		
18	84	75.69	76	77.6		
19	84	75.05	77	79.7		
20	84	74.40	80	80.1		
21	84	74.32	84	79.9		
22	84	76.70	84	79.9		
23	82	74.32	82	80.5		
24	85	74.09	85	79.9		
	2017	76.45	1951	75.3		

SEPTEMBER

1	109	73.03	113	81.9		
2	112	83.14	116	82.2		
3	109	72.81	115	82.1		
4	109	72.68	114	82.2		
5	111	72.56	116	82.6		
6	106	72.97	112	82.0		
7	110	75.99	116	79.5		
8	108	77.17	112	74.8		
9	112	80.02	114	71.6		
10	113	81.11	115	67.0		
11	113	82.13	115	65.6		
12	114	81.13	116	64.3		
13	114	82.69	116	64.0		
14	113	81.47	115	64.1		
15	108	80.38	110	67.0		
16	108	78.79	112	70.6		
17	106	77.48	111	78.3		
18	107	74.79	113	78.4		
19	109	74.08	115	79.8		
20	109	73.73	115	80.8		
21	107	73.63	114	81.3		
22	108	73.47	116	81.7		
23	107	73.68	115	81.5		
24	106	73.28	114	81.4		
	2628	76.82	2740	76.7		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8

OCTOBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	42	72.90	54	75.0		
2	71	73.98	89	76.6		
3	68	73.85	88	77.2		
4	69	73.66	87	78.0		
5	69	73.18	88	78.8		
6	69	72.57	86	79.6		
7	71	73.97	86	78.9		
8	70	74.82	88	76.6		
9	75	76.81	87	73.8		
10	75	77.38	87	70.8		
11	77	78.70	88	69.3		
12	76	78.38	86	67.8		
13	76	78.82	86	67.4		
14	75	78.08	86	67.1		
15	74	77.37	83	69.5		
16	73	76.21	83	71.0		
17	75	75.24	83	74.0		
18	77	74.06	84	75.8		
19	76	73.71	85	77.0		
20	75	76.37	88	76.7		
21	76	74.03	90	76.5		
22	75	74.02	89	76.2		
23	74	74.29	90	76.4		
24	70	74.04	85	76.4		
	1728	75.35	2046	74.4		

NOVEMBER

1	70	69.72	76	78.9		
2	71	69.71	76	79.1		
3	70	69.50	75	79.4		
4	70	69.22	76	79.3		
5	69	69.69	75	79.2		
6	70	69.54	76	78.3		
7	69	71.13	75	76.9		
8	70	72.01	76	73.7		
9	71	74.74	76	71.6		
10	71	75.61	75	68.9		
11	71	76.98	75	67.4		
12	72	77.13	76	67.2		
13	71	76.64	74	68.8		
14	71	75.76	74	70.1		
15	71	75.05	74	73.2		
16	71	73.33	74	74.3		
17	71	72.11	75	76.7		
18	69	70.63	74	77.2		
19	72	70.19	76	78.4		
20	70	69.95	75	78.1		
21	69	69.85	74	78.6		
22	70	69.68	74	78.9		
23	70	69.95	76	78.9		
24	69	69.65	74	79.0		
	1688	72.01	1801	75.5		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 8
DECEMBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	88	68.98	88	76.9		
2	87	68.87	87	76.9		
3	88	68.65	88	77.5		
4	91	63.43	91	77.6		
5	88	68.32	88	78.4		
6	90	67.46	90	78.0		
7	85	69.18	85	77.6		
8	87	70.03	87	74.7		
9	86	71.87	86	72.6		
10	86	72.59	86	70.4		
11	86	74.02	86	67.8		
12	86	74.19	86	67.0		
13	85	74.22	85	67.7		
14	85	73.60	85	68.2		
15	85	72.92	85	70.9		
16	84	71.57	84	72.0		
17	86	70.59	86	75.8		
18	87	69.39	86	77.0		
19	86	69.26	85	77.4		
20	88	69.25	87	77.9		
21	87	69.35	87	77.7		
22	89	71.62	89	77.5		
23	87	69.39	87	77.0		
24	87	69.13	86	76.8		
	2084	70.51	2080	74.9		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4
JANUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	45	67.95	34	87.0		
2	45	67.77	34	87.4		
3	45	67.66	33	87.1		
4	45	67.44	33	87.2		
5	45	67.31	34	87.2		
6	46	67.63	34	85.0		
7	47	68.70	35	84.1		
8	47	69.74	35	79.7		
9	47	71.85	35	75.7		
10	47	72.63	35	70.7		
11	47	74.21	34	70.0		
12	47	74.08	34	68.0		
13	46	74.04	34	69.7		
14	47	73.57	35	73.1		
15	47	72.85	35	78.6		
16	47	71.29	35	80.7		
17	46	70.04	34	84.2		
18	47	68.93	35	85.3		
19	48	68.39	36	86.1		
20	47	68.25	35	86.8		
21	47	68.08	35	87.3		
22	47	68.76	35	87.5		
23	47	68.78	35	87.1		
24	47	68.59	35	87.0		
	1116	69.96	829	81.8		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4

FEBRUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	78	66.39	78	85.3		
2	78	66.60	78	84.7		
3	78	66.32	78	85.0		
4	79	66.20	79	84.4		
5	77	66.11	77	84.9		
6	78	66.11	78	83.6		
7	78	67.29	78	82.2		
8	78	68.96	78	76.0		
9	76	71.80	76	71.2		
10	78	73.06	78	68.0		
11	77	73.76	77	67.2		
12	78	74.24	78	64.9		
13	78	74.89	78	66.7		
14	78	74.06	78	67.0		
15	78	73.71	78	74.0		
16	78	71.50	78	75.8		
17	78	70.07	78	80.3		
18	76	68.06	76	82.5		
19	80	67.45	80	83.5		
20	78	67.08	78	83.9		
21	78	67.01	77	84.7		
22	78	66.51	78	84.5		
23	77	66.49	77	84.9		
24	78	66.58	78	84.4		
	1868	69.17	1867	78.6		

MARCH

1	91	66.28	91	83.8		
2	91	66.19	91	84.1		
3	92	66.05	92	84.0		
4	93	66.10	93	83.9		
5	93	66.00	93	83.8		
6	93	66.33	93	82.8		
7	92	67.52	91	79.7		
8	93	67.92	91	74.4		
9	92	71.60	90	70.9		
10	92	72.19	90	66.0		
11	92	73.59	90	64.6		
12	91	74.50	89	61.7		
13	89	75.14	86	64.3		
14	90	74.75	85	61.8		
15	92	74.63	87	64.8		
16	92	73.06	87	69.2		
17	91	71.72	86	74.2		
18	93	69.32	88	76.8		
19	94	68.06	92	80.9		
20	93	67.35	92	81.8		
21	93	67.04	91	83.3		
22	93	66.81	92	83.6		
23	93	66.67	93	83.5		
24	93	66.69	93	83.9		
	2211	69.37	2166	76.3		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4

APRIL

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	81	67.59	77	86.1		
2	81	67.59	77	85.7		
3	81	67.76	77	85.3		
4	81	67.87	77	84.9		
5	81	68.29	77	84.4		
6	80	68.93	76	81.2		
7	80	71.33	76	77.7		
8	80	72.66	76	72.6		
9	80	74.72	76	69.8		
10	78	75.42	74	68.1		
11	79	75.81	75	66.9		
12	80	75.35	76	67.2		
13	81	75.17	74	70.9		
14	81	74.30	75	71.8		
15	81	74.11	75	75.9		
16	81	72.17	75	79.3		
17	81	70.96	76	83.1		
18	81	69.44	76	84.8		
19	80	68.86	75	85.4		
20	81	68.53	76	85.7		
21	81	68.41	76	85.8		
22	81	67.80	76	85.5		
23	81	68.06	76	85.8		
24	81	67.88	76	85.9		
	1933	70.78	1820	79.6		

MAY

1	105	69.70	102	85.5		
2	105	69.54	102	85.4		
3	107	69.34	104	85.0		
4	105	69.34	102	85.4		
5	103	69.58	100	85.2		
6	104	70.02	100	82.9		
7	104	72.13	101	80.5		
8	104	73.14	101	74.8		
9	105	75.37	100	71.9		
10	104	75.86	97	70.7		
11	101	76.75	96	69.6		
12	105	77.16	100	69.1		
13	103	77.12	97	70.1		
14	103	76.47	98	70.4		
15	102	76.38	97	72.7		
16	102	75.11	97	74.6		
17	104	74.50	101	79.4		
18	102	71.89	98	82.1		
19	102	71.33	99	84.2		
20	103	70.68	100	84.8		
21	103	70.45	103	85.1		
22	103	70.29	103	85.2		
23	104	70.11	104	85.3		
24	101	69.97	101	85.4		
	2484	72.58	2403	79.5		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4

JUNE

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	106	71.57	116	85.8		
2	106	71.33	116	85.8		
3	105	71.07	115	85.8		
4	106	71.20	116	85.8		
5	103	71.44	115	85.3		
6	107	72.01	116	82.9		
7	106	74.16	115	80.6		
8	107	74.86	116	75.1		
9	105	76.70	116	73.0		
10	105	77.55	116	69.1		
11	105	78.74	117	74.9		
12	103	78.83	116	66.0		
13	103	81.31	112	68.0		
14	103	78.34	113	68.8		
15	100	78.07	112	73.6		
16	101	76.28	113	74.7		
17	102	75.49	113	79.4		
18	104	73.60	115	82.1		
19	106	73.08	115	83.6		
20	105	71.86	114	84.7		
21	106	72.21	114	85.1		
22	106	72.04	114	85.2		
23	106	71.86	114	85.3		
24	106	71.75	114	85.5		
	2512	74.36	2753	79.4		

JULY

1	84	72.58	83	84.7		
2	88	72.37	87	84.8		
3	88	72.21	87	85.3		
4	86	76.80	85	85.1		
5	89	72.16	88	85.2		
6	87	72.67	86	82.3		
7	87	74.90	86	79.6		
8	87	75.73	86	74.3		
9	87	77.62	86	71.0		
10	86	78.23	85	70.0		
11	86	78.33	85	69.1		
12	86	78.97	85	67.7		
13	86	78.79	85	69.1		
14	86	78.03	85	70.6		
15	86	77.45	86	74.0		
16	88	75.94	87	76.8		
17	87	75.13	86	81.4		
18	87	73.40	86	82.8		
19	87	73.04	86	84.0		
20	87	73.01	86	83.7		
21	87	72.95	86	84.0		
22	87	72.77	86	83.6		
23	87	72.78	86	84.0		
24	87	72.54	86	83.8		
	2083	74.92	2060	79.1		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4

AUGUST

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	87	72.32	91	87.5		
2	85	72.17	90	87.7		
3	85	72.05	90	87.6		
4	87	71.96	92	87.5		
5	85	71.78	90	87.8		
6	86	72.26	91	85.8		
7	85	74.63	90	82.2		
8	86	75.93	90	76.3		
9	85	77.96	89	73.3		
10	87	78.94	89	70.6		
11	88	79.82	90	69.8		
12	88	79.86	90	68.8		
13	88	80.02	90	69.6		
14	88	79.64	90	71.2		
15	87	78.91	91	74.3		
16	87	77.59	91	76.7		
17	84	76.58	91	81.4		
18	81	74.64	90	84.2		
19	82	73.63	92	86.0		
20	82	73.12	91	86.9		
21	82	73.12	91	87.1		
22	84	72.90	91	87.2		
23	84	72.96	90	87.4		
24	85	72.61	91	87.6		
	2048	73.27	2171	81.0		

SEPTEMBER

1	79	72.00	82	86.2		
2	79	71.79	82	86.3		
3	78	71.62	82	86.9		
4	79	71.54	84	86.9		
5	80	71.55	84	86.9		
6	80	71.98	84	86.4		
7	80	74.32	82	84.4		
8	81	75.64	82	79.5		
9	81	78.59	82	74.7		
10	81	79.62	82	72.4		
11	81	80.32	82	71.0		
12	77	80.71	78	69.5		
13	80	80.87	80	69.1		
14	82	79.98	81	70.5		
15	82	79.04	81	75.2		
16	83	76.95	82	77.8		
17	83	75.43	84	82.3		
18	83	73.36	84	84.2		
19	83	72.93	84	85.2		
20	82	72.45	84	85.6		
21	81	72.34	84	85.3		
22	80	72.28	83	85.6		
23	80	72.28	83	85.7		
24	80	72.13	83	86.0		
	1935	75.00	1979	81.1		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4

OCTOBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	86	71.24	89	85.7		
2	86	71.01	89	85.8		
3	86	70.89	89	85.7		
4	86	70.81	89	85.8		
5	86	70.75	89	85.6		
6	86	71.06	89	85.3		
7	86	72.53	89	83.8		
8	85	73.28	88	80.0		
9	82	76.36	87	75.5		
10	84	77.03	89	71.1		
11	85	78.08	89	69.4		
12	85	78.12	89	68.6		
13	85	77.98	88	69.6		
14	85	77.27	88	71.2		
15	85	76.63	88	74.3		
16	85	74.80	88	78.4		
17	85	73.69	87	81.9		
18	86	72.29	87	84.0		
19	86	71.68	88	84.7		
20	86	71.51	88	84.7		
21	86	71.58	88	84.9		
22	87	71.47	89	85.0		
23	86	71.65	88	85.2		
24	86	71.38	88	85.2		
	2051	73.44	2120	80.5		

NOVEMBER

1	86	69.11	86	84.0		
2	86	68.95	86	84.0		
3	86	68.75	86	84.3		
4	86	68.66	86	84.5		
5	86	68.70	86	84.2		
6	86	68.90	86	84.1		
7	84	70.22	84	82.8		
8	84	71.36	84	78.7		
9	84	74.17	84	74.6		
10	84	75.03	84	70.3		
11	86	76.15	86	69.8		
12	85	76.27	85	68.0		
13	84	76.02	84	69.9		
14	84	75.58	84	70.5		
15	84	74.76	84	73.9		
16	84	72.92	84	76.7		
17	85	72.12	85	80.4		
18	85	70.54	85	82.1		
19	85	70.25	85	82.2		
20	85	69.77	85	83.5		
21	85	69.37	84	83.5		
22	85	69.49	85	83.6		
23	85	69.38	85	84.3		
24	85	69.27	85	84.0		
	2039	71.59	2038	79.1		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

SABANA 4
DECEMBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	72	67.91	68	83.1		
2	71	67.69	67	83.5		
3	72	67.75	68	83.8		
4	72	67.63	68	83.3		
5	74	67.40	70	83.8		
6	70	67.81	66	83.0		
7	72	68.05	69	82.9		
8	72	68.97	70	80.1		
9	72	71.16	70	76.8		
10	72	72.22	70	72.9		
11	71	73.11	67	71.9		
12	72	73.16	68	69.1		
13	70	73.04	65	69.6		
14	70	72.65	66	70.8		
15	71	72.21	67	74.2		
16	72	70.70	68	76.3		
17	73	69.52	71	80.0		
18	72	68.83	70	81.6		
19	71	68.54	68	82.4		
20	72	68.43	70	82.8		
21	75	67.92	72	82.7		
22	74	68.35	71	82.9		
23	74	68.32	71	83.3		
24	68	68.02	66	83.1		
	1724	69.54	1646	79.4		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE
JANUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	79	65.02	72		83.4	
2	78	64.83	72		83.8	
3	78	64.82	72		92.2	
4	79	64.63	73		91.9	
5	77	64.62	70		83.4	
6	78	64.87	71		83.8	
7	78	65.87	71		83.6	
8	76	66.53	69		81.5	
9	78	69.58	71		78.5	
10	80	70.57	73		75.7	
11	80	72.67	73		72.4	
12	79	73.32	73		66.9	
13	78	74.93	72		65.2	
14	79	74.79	72		65.3	
15	76	74.26	70		65.4	
16	79	72.21	73		67.2	
17	78	70.82	72		72.2	
18	77	68.37	70		75.9	
19	76	67.23	68		80.5	
20	78	66.33	71		82.0	
21	78	65.96	71		83.0	
22	78	65.89	72		86.5	
23	78	65.75	71		83.8	
24	78	65.53	71		83.7	
	1873	68.32	1713		78.6	

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE

FEBRUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	79	64.53	72		84.3	
2	80	64.17	73		83.9	
3	76	64.44	69		83.7	
4	79	64.16	70		83.5	
5	78	64.33	71		83.5	
6	81	64.24	73		83.0	
7	77	65.59	69		83.8	
8	78	67.10	70		79.9	
9	76	71.19	68		74.7	
10	78	71.83	70		70.1	
11	80	74.46	72		65.4	
12	81	74.76	73		61.4	
13	81	79.24	75		62.9	
14	81	74.97	75		60.8	
15	80	74.98	74		59.4	
16	81	72.95	73		61.0	
17	81	71.59	73		70.9	
18	82	68.50	73		72.4	
19	81	66.87	71		80.2	
20	81	66.00	73		81.8	
21	81	65.56	73		83.3	
22	81	65.40	73		83.1	
23	81	65.50	73		83.3	
24	81	65.25	73		83.8	
	1915	68.67	1729		75.7	

MARCH

1	94	64.91	87		83.4	
2	94	64.62	86		83.3	
3	93	64.58	85		83.8	
4	94	64.28	86		83.4	
5	94	69.71	87		83.8	
6	95	64.60	88		83.3	
7	94	65.39	87		82.2	
8	94	66.24	87		80.4	
9	92	70.51	85		76.9	
10	93	71.43	87		71.3	
11	94	74.94	91		64.7	
12	95	75.48	92		59.5	
13	93	77.25	90		58.0	
14	94	77.38	90		54.5	
15	94	77.65	90		53.8	
16	94	76.41	88		54.0	
17	94	75.22	89		59.7	
18	94	71.32	90		65.1	
19	93	69.10	87		79.7	
20	94	66.55	87		77.4	
21	94	66.10	88		81.3	
22	95	65.41	87		81.6	
23	94	65.35	86		83.3	
24	94	65.02	86		83.4	
	2253	69.56	2106		73.5	

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE

APRIL

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	87	66.37	82	84.0		
2	87	66.17	82	83.7		
3	86	66.11	81	83.6		
4	87	65.86	82	83.8		
5	84	66.05	79	84.1		
6	85	66.14	80	84.0		
7	85	67.55	80	86.9		
8	85	68.12	80	81.0		
9	85	72.61	80	75.4		
10	85	73.49	80	69.8		
11	85	76.18	80	65.0		
12	85	76.23	80	62.4		
13	85	77.20	81	62.0		
14	85	76.87	79	61.2		
15	84	76.88	73	63.2		
16	83	75.75	70	63.4		
17	84	75.21	70	65.6		
18	84	71.97	66	69.5		
19	84	69.91	69	77.6		
20	84	67.79	70	80.0		
21	84	66.77	76	82.5		
22	83	66.85	78	83.2		
23	86	66.77	80	83.7		
24	84	66.47	79	83.8		
	2036	70.37	1857	76.0		

MAY

1	92	68.00	87	82.6		
2	92	67.82	87	82.6		
3	92	67.65	87	82.8		
4	92	67.60	87	82.3		
5	92	67.86	87	82.8		
6	92	68.11	87	82.3		
7	92	71.11	87	80.0		
8	90	71.98	85	75.9		
9	91	76.05	86	70.4		
10	90	76.54	86	66.1		
11	91	78.24	86	65.3		
12	93	78.69	91	62.5		
13	92	79.17	90	63.6		
14	92	78.42	88	62.8		
15	92	77.93	88	64.7		
16	92	76.41	86	65.5		
17	92	75.50	84	70.5		
18	93	72.75	85	73.4		
19	92	70.82	85	77.8		
20	93	69.13	89	80.1		
21	93	68.62	88	81.3		
22	93	68.37	88	81.6		
23	93	68.11	88	82.2		
24	93	67.96	88	82.6		
	2209	72.19	2090	75.1		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE

JUNE

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	97	70.55	95		82.1	
2	97	70.31	95		81.2	
3	97	70.16	95		82.0	
4	96	70.01	94		81.4	
5	96	70.14	93		82.0	
6	96	70.19	93		81.5	
7	95	72.10	94		80.5	
8	95	72.62	95		76.1	
9	93	76.26	93		72.8	
10	94	76.97	94		67.2	
11	95	78.95	95		63.7	
12	94	79.35	94		62.2	
13	95	80.15	94		60.9	
14	94	79.77	91		61.8	
15	96	79.77	91		62.3	
16	95	79.00	90		61.7	
17	95	78.15	89		65.4	
18	95	75.60	89		68.7	
19	95	73.85	91		75.9	
20	94	71.74	92		77.1	
21	94	71.01	92		79.8	
22	94	70.56	95		80.4	
23	93	70.60	94		80.7	
24	94	70.47	95		80.4	
	2279	74.08	2233		73.7	

JULY

1	117	69.67	114		83.6	
2	117	69.59	114		83.0	
3	116	69.56	113		83.1	
4	116	69.43	113		83.1	
5	115	69.68	113		82.9	
6	118	69.92	116		88.9	
7	117	72.17	116		80.6	
8	118	73.22	117		77.5	
9	116	76.90	114		73.3	
10	115	77.52	115		68.6	
11	115	79.67	114		66.5	
12	118	80.04	117		65.6	
13	113	80.80	112		62.9	
14	116	80.38	114		61.5	
15	117	80.03	114		63.3	
16	117	78.15	110		64.5	
17	117	77.11	107		69.6	
18	117	74.70	105		72.8	
19	118	73.05	106		78.3	
20	117	71.15	110		80.4	
21	116	70.79	112		82.6	
22	117	70.36	114		82.9	
23	116	70.03	114		83.2	
24	117	69.89	115		83.4	
	2796	73.90	2709		76.0	

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE

AUGUST

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	101	70.37	101	80.8		
2	100	70.22	100	80.8		
3	100	70.01	100	81.5		
4	100	69.75	100	81.4		
5	101	69.86	99	82.3		
6	101	69.91	99	81.7		
7	99	72.32	99	80.7		
8	99	73.16	99	77.9		
9	99	76.39	99	74.3		
10	101	77.22	101	69.8		
11	102	79.06	101	67.0		
12	103	79.00	103	64.6		
13	102	79.62	100	65.6		
14	102	79.18	99	64.6		
15	102	79.23	98	66.4		
16	102	78.00	95	67.3		
17	103	76.91	97	72.5		
18	100	74.02	97	75.7		
19	100	72.56	99	79.9		
20	98	71.15	99	80.1		
21	99	70.91	102	81.2		
22	99	70.77	102	81.1		
23	99	70.77	102	81.4		
24	99	70.37	102	81.2		
	2411	73.82	2393	75.9		

SEPTEMBER

1	90	69.01	85	83.1		
2	90	68.80	85	83.1		
3	90	63.78	85	83.1		
4	90	72.06	85	83.1		
5	90	68.83	85	83.2		
6	90	69.23	85	82.0		
7	90	71.66	85	80.2		
8	90	72.63	85	77.7		
9	89	76.84	84	73.5		
10	89	85.40	85	70.0		
11	90	79.61	86	66.0		
12	90	80.02	86	62.8		
13	90	80.53	86	64.2		
14	89	79.96	85	64.7		
15	90	79.77	86	66.1		
16	90	77.82	86	67.6		
17	90	76.48	83	71.6		
18	90	73.20	83	74.3		
19	90	71.17	85	79.8		
20	90	69.90	85	81.8		
21	90	69.51	86	82.3		
22	90	69.28	85	82.6		
23	90	69.05	85	82.8		
24	90	69.04	85	82.9		
	2157	73.68	2041	76.2		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE

OCTOBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	92	69.39	92	82.2		
2	92	69.16	92	81.9		
3	92	68.98	92	82.2		
4	90	68.66	90	82.4		
5	93	68.88	92	82.7		
6	92	69.98	92	82.1		
7	92	71.07	91	81.5		
8	90	72.26	89	77.7		
9	93	75.61	92	74.5		
10	89	76.40	89	69.7		
11	91	78.37	91	66.8		
12	91	78.75	92	63.8		
13	91	79.26	91	63.3		
14	94	78.37	94	65.2		
15	92	77.42	92	67.1		
16	93	75.73	93	69.3		
17	91	74.15	91	75.3		
18	92	70.90	92	77.3		
19	92	70.38	92	80.8		
20	92	69.81	92	81.9		
21	92	69.70	92	82.7		
22	92	69.44	92	82.5		
23	92	69.46	92	82.6		
24	92	69.36	92	82.6		
	2110	72.65	2107	76.6		

NOVEMBER

1	82	67.43	73	82.6		
2	81	66.80	72	82.5		
3	82	66.81	73	82.6		
4	82	66.84	73	82.1		
5	82	66.80	73	82.4		
6	82	67.07	74	82.9		
7	81	69.40	73	81.7		
8	80	70.52	72	77.9		
9	82	73.60	74	74.9		
10	82	74.36	74	72.6		
11	84	76.95	77	68.4		
12	83	77.43	76	67.1		
13	83	77.69	76	67.0		
14	83	76.45	75	67.3		
15	81	75.82	75	73.1		
16	82	73.07	75	75.0		
17	82	71.41	75	81.4		
18	82	69.40	74	80.6		
19	82	68.42	73	82.2		
20	82	68.10	73	82.7		
21	82	67.97	73	83.0		
22	81	67.56	74	89.5		
23	82	67.39	73	82.7		
24	79	67.18	72	82.4		
	1964	70.63	1772	78.4		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

RIO GRANDE
DECEMBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	92	66.16	75	82.9		
2	92	66.13	75	83.1		
3	92	66.01	77	83.0		
4	86	65.96	74	83.0		
5	92	65.91	77	82.8		
6	91	65.23	76	82.0		
7	92	67.25	76	80.5		
8	92	67.54	76	78.9		
9	93	69.86	75	77.3		
10	92	70.46	76	75.0		
11	92	72.61	76	72.5		
12	92	73.21	76	69.6		
13	92	75.10	77	67.3		
14	92	74.47	78	67.0		
15	92	74.07	78	69.4		
16	92	71.84	79	71.0		
17	92	70.38	78	76.8		
18	92	68.18	79	78.9		
19	92	67.64	78	81.2		
20	93	67.03	79	81.7		
21	91	67.03	75	81.9		
22	92	66.82	76	82.1		
23	92	66.72	76	90.4		
24	92	66.55	76	82.4		
	2202	68.85	1838	78.3		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY
JANUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	50 67.84		50 78.3			
2	50 67.78		50 78.7			
3	49 67.83		49 79.2			
4	50 67.82		50 77.9			
5	50 67.88		50 77.2			
6	50 68.10		50 77.5			
7	49 69.91		49 74.2			
8	47 69.93		47 71.8			
9	48 74.56		48 66.4			
10	49 75.38		49 64.0			
11	51 78.00		51 60.3			
12	50 78.18		50 58.9			
13	50 79.46		50 58.2			
14	50 78.78		50 58.5			
15	50 78.16		50 62.8			
16	51 75.58		51 64.8			
17	51 73.82		51 72.0			
18	51 71.11		51 71.9			
19	51 70.11		51 75.9			
20	50 68.96		50 88.8			
21	51 68.82		51 77.5			
22	51 68.60		51 76.8			
23	51 68.50		51 77.7			
24	50 68.42		50 84.7			
	1200 71.81		1200 72.3			

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

FEBRUARY

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	55 67.54		55 76.4			
2	55 67.41		55 75.4			
3	55 67.30		55 74.6			
4	55 67.23		55 74.9			
5	54 67.14		54 75.1			
6	54 67.31		54 74.3			
7	54 69.14		54 75.8			
8	54 69.57		54 70.2			
9	51 73.94		51 64.2			
10	53 74.52		53 62.5			
11	55 78.20		55 57.8			
12	55 78.92		55 55.7			
13	54 80.05		54 53.5			
14	53 79.58		53 52.9			
15	55 79.49		55 56.0			
16	55 77.65		55 58.1			
17	54 76.00		54 66.4			
18	54 72.55		54 68.4			
19	53 70.56		53 74.4			
20	54 69.03		54 75.0			
21	54 68.24		54 74.9			
22	54 68.11		54 74.9			
23	54 67.96		54 75.3			
24	55 67.74		55 75.5			
	1299 71.87		1299 68.4			

MARCH

1	70 67.48		80 73.3			
2	72 67.27		82 72.7			
3	72 66.77		82 72.9			
4	66 67.13		77 72.1			
5	71 67.42		82 72.5			
6	70 67.18		81 72.7			
7	72 68.38		82 68.5			
8	70 69.37		80 65.5			
9	71 75.01		81 57.1			
10	70 76.15		80 53.9			
11	72 79.97		82 48.6			
12	72 79.81		81 47.7			
13	71 81.45		81 46.7			
14	69 80.57		79 45.5			
15	70 81.24		81 47.8			
16	71 79.35		82 49.7			
17	69 77.47		81 58.8			
18	69 73.92		81 61.1			
19	73 71.58		84 77.3			
20	72 68.77		83 69.4			
21	73 68.52		83 71.7			
22	73 68.30		83 72.3			
23	72 67.56		83 71.6			
24	72 67.80		83 72.3			
	1702 72.42		1954 63.5			

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

APRIL

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	78	68.67	80	72.1		
2	79	68.43	81	71.9		
3	78	68.30	81	72.3		
4	78	68.37	81	72.1		
5	76	68.27	78	73.2		
6	78	74.10	81	82.0		
7	77	70.22	80	70.2		
8	78	71.20	81	67.0		
9	78	75.53	80	59.3		
10	76	76.22	79	57.8		
11	77	78.80	80	56.4		
12	78	78.56	81	53.6		
13	78	80.37	81	54.1		
14	79	79.74	82	52.2		
15	75	79.76	77	53.9		
16	78	78.03	81	55.8		
17	79	76.92	82	62.4		
18	75	74.17	81	63.9		
19	74	72.64	79	70.0		
20	77	70.42	81	70.3		
21	77	69.59	81	71.2		
22	79	69.34	81	71.1		
23	80	69.03	82	71.2		
24	77	68.97	79	71.4		
	1859	74.10	1930	64.3		

MAY

1	12	69.54	19	73.4		
2	12	71.17	19	72.9		
3	11	69.33	19	73.3		
4	11	69.23	19	73.2		
5	09	69.42	19	73.4		
6	10	69.82	19	72.1		
7	09	72.67	18	69.1		
8	10	73.03	19	65.9		
9	11	76.76	17	62.7		
10	09	77.08	15	60.4		
11	13	79.07	16	57.8		
12	14	78.48	18	56.3		
13	13	79.90	19	58.1		
14	13	79.15	18	57.3		
15	15	78.59	20	59.8		
16	14	76.77	19	61.2		
17	15	75.95	20	66.1		
18	14	73.49	19	67.4		
19	14	72.09	20	71.3		
20	13	71.00	20	71.6		
21	14	70.52	20	73.1		
22	14	70.04	20	72.1		
23	13	69.85	20	72.9		
24	13	69.49	20	73.2		
	296	73.45	452	67.3		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

JUNE

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	17	71.04	12	74.6		
2	15	76.28	10	74.6		
3	18	70.91	11	75.2		
4	17	70.97	11	74.7		
5	16	70.90	10	74.6		
6	17	71.01	11	73.1		
7	18	73.18	12	70.5		
8	16	73.74	08	67.6		
9	16	77.13	09	63.1		
10	16	77.91	10	60.8		
11	16	86.61	10	58.8		
12	17	80.54	12	57.7		
13	16	81.37	12	56.5		
14	16	81.01	11	56.3		
15	16	80.69	11	58.4		
16	16	79.14	10	58.9		
17	17	78.04	11	63.9		
18	17	75.68	11	65.9		
19	15	74.33	10	69.0		
20	16	72.81	11	70.4		
21	15	71.95	11	72.5		
22	17	71.53	13	72.0		
23	18	71.47	13	73.5		
24	16	71.31	11	73.1		
	394	73.39	261	67.3		

JULY

1	87	71.14	88	77.4		
2	87	71.12	88	76.9		
3	84	71.00	85	77.0		
4	87	70.98	88	76.7		
5	86	71.16	87	84.4		
6	88	71.20	89	76.3		
7	86	73.67	87	75.0		
8	86	74.24	87	72.0		
9	85	79.67	86	63.6		
10	86	79.80	86	61.4		
11	85	82.09	86	61.4		
12	85	82.27	86	58.0		
13	86	83.04	87	60.3		
14	86	82.38	87	59.2		
15	87	82.16	87	61.6		
16	87	80.08	87	64.6		
17	87	78.91	87	68.3		
18	87	76.44	87	69.9		
19	87	75.00	87	75.6		
20	88	74.84	88	75.7		
21	87	72.25	87	77.4		
22	87	71.73	87	76.6		
23	87	71.49	87	77.4		
24	87	71.35	87	76.9		
	2075	75.73	2088	71.0		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

AUGUST

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	WIND VELOCITY	RAINFALL
1	87	71.55	87	77.7		
2	88	71.38	88	78.2		
3	88	71.42	88	78.4		
4	85	71.12	85	77.7		
5	88	71.51	88	77.3		
6	88	72.00	88	76.3		
7	88	75.11	88	72.6		
8	85	75.23	85	70.2		
9	87	79.86	87	65.6		
10	87	80.12	87	63.2		
11	87	82.63	87	60.2		
12	88	82.53	88	60.6		
13	89	83.15	89	60.2		
14	89	82.34	89	59.4		
15	89	81.88	89	62.8		
16	88	80.12	88	63.6		
17	89	78.74	89	70.5		
18	89	75.52	89	71.5		
19	89	73.96	89	76.7		
20	89	72.41	89	76.8		
21	89	72.20	89	77.4		
22	89	71.98	89	77.1		
23	89	71.82	89	77.5		
24	89	74.02	89	76.6		
	2113	75.95	2113	71.2		

SEPTEMBER

1	85	72.45	85	78.4		
2	85	72.35	85	78.6		
3	86	72.22	86	78.6		
4	85	72.10	85	78.5		
5	85	72.23	85	78.1		
6	84	72.27	84	76.1		
7	83	75.51	83	74.2		
8	84	76.00	84	72.2		
9	85	80.60	85	67.5		
10	86	81.39	86	63.5		
11	89	83.46	89	61.5		
12	89	83.42	89	59.8		
13	88	83.52	88	62.2		
14	88	81.94	88	63.0		
15	88	80.78	88	67.6		
16	87	79.20	87	68.6		
17	88	77.48	88	76.0		
18	85	74.81	85	77.0		
19	88	73.81	87	79.8		
20	87	72.94	87	79.0		
21	85	72.87	85	79.7		
22	85	72.65	85	79.6		
23	86	72.52	86	79.7		
24	86	72.48	86	79.0		
	2067	76.26	2066	73.2		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

OCTOBER

HOUR	TEMPERATURE	DEW POINT	RELATIVE HUMIDITY	WIND DIRECTION*	VELOCITY	RAINFALL
1	90	73.33	90	78.4		
2	89	73.08	89	78.5		
3	89	73.17	89	86.8		
4	89	72.96	89	78.8		
5	87	72.95	88	78.8		
6	89	72.82	89	78.4		
7	89	75.13	89	75.8		
8	87	75.50	87	74.3		
9	88	79.51	88	68.8		
10	89	79.93	89	68.0		
11	89	81.51	89	66.9		
12	91	81.18	91	64.9		
13	90	81.65	91	65.1		
14	90	80.51	92	66.6		
15	89	79.20	91	72.2		
16	89	76.78	92	73.8		
17	88	75.46	90	79.4		
18	91	73.80	93	79.2		
19	93	73.45	93	80.0		
20	92	73.01	92	80.3		
21	92	73.16	92	79.8		
22	91	73.14	91	79.4		
23	90	73.22	90	78.8		
24	90	72.96	90	78.7		
	2151	75.72	2164	75.5		

NOVEMBER

1	83	71.15	83	81.3		
2	83	70.95	83	80.7		
3	83	70.87	83	80.4		
4	83	70.56	83	81.1		
5	82	70.81	82	80.7		
6	83	70.91	83	79.9		
7	83	72.44	83	78.4		
8	82	72.79	82	77.3		
9	81	77.09	81	73.5		
10	82	76.85	82	70.8		
11	81	80.41	81	68.8		
12	83	80.33	83	65.7		
13	83	81.75	83	66.2		
14	83	80.49	83	66.7		
15	84	79.40	84	73.0		
16	84	77.08	84	74.0		
17	85	75.80	85	77.7		
18	84	73.83	84	78.3		
19	84	72.96	84	79.6		
20	84	72.21	84	80.2		
21	84	71.89	84	81.2		
22	83	71.78	83	80.9		
23	80	71.78	80	80.6		
24	82	71.50	82	81.2		
	1989	74.40	1989	76.6		

TABLE 17. MEAN VALUES FOR PERIOD OF RECORD (CONTINUED)

CUBUY

DECEMBER

HOUR	TEMPERATURE		DEW POINT	RELATIVE HUMIDITY		WIND DIRECTION*	VELOCITY	RAINFALL
1	74	69.52		74	79.8			
2	73	69.21		73	79.4			
3	72	69.18		72	79.8			
4	73	71.89		73	79.3			
5	74	69.22		74	79.3			
6	74	69.39		74	78.4			
7	72	70.95		72	76.0			
8	73	71.19		73	75.1			
9	73	74.95		73	71.5			
10	74	75.27		74	69.9			
11	75	77.34		75	66.5			
12	75	77.38		75	66.4			
13	76	78.53		76	67.1			
14	74	77.21		74	66.8			
15	74	76.67		74	69.6			
16	76	74.78		76	71.8			
17	73	73.46		73	75.3			
18	76	71.44		76	76.5			
19	76	70.03		76	79.1			
20	72	69.94		72	79.1			
21	75	69.60		75	79.4			
22	76	69.47		76	79.1			
23	75	69.54		76	94.7			
24	76	69.48		76	97.1			
	1781	72.33		1782	76.6			

Briscoe, C. B.
1966. Weather in the Luquillo Mountains of Puerto Rico. Inst. Trop. Forestry, U. S. Forest Serv. Res. Paper ITF-3, 250 pp.

Puerto Rico is a mountainous, oceanic island in the American tropics, lying in the path of the northeast trade winds. Although the island is only 110 miles long by 35 wide, vegetation varies from rainforest in the eastern mountains to desert scrub in the southwest.

From late 1958 through 1962 the U. S. Army and the Forest Service recorded information on temperature, humidity, wind, light, and rainfall at 13 locations in and near the Luquillo Mountains. Selected aspects of the information collected are summarized in the accompanying 17 tables.

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